

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092121\
 Data File : FF008985.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2021 16:17
 Sample : M3823-03MSD
 Misc :
 ALS Vial : 60 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	2.344	2.330	2.351	BH	-25	-860	-0.03%	-0.001%
2	2.376	2.351	2.426	PH	304247	2158093	78.72%	2.366%
3	2.435	2.426	2.474	HH	346	3910	0.14%	0.004%
4	2.483	2.474	2.491	PH	105	-31	-0.00%	-0.000%
5	2.522	2.491	2.528	PH	172	380	0.01%	0.000%
6	2.546	2.528	2.593	PH	9046	71611	2.61%	0.079%
7	2.611	2.593	2.633	HH	941	8464	0.31%	0.009%
8	2.653	2.633	2.657	PH	319	1918	0.07%	0.002%
9	2.665	2.657	2.709	HH	595	3573	0.13%	0.004%
10	2.710	2.709	2.724	PH	-133	-1997	-0.07%	-0.002%
11	2.738	2.724	2.755	PH	-126	-3752	-0.14%	-0.004%
12	2.774	2.755	2.802	PH	494	-201	-0.01%	-0.000%
13	2.809	2.802	2.824	PH	-191	-3166	-0.12%	-0.003%
14	2.834	2.824	2.853	PH	-187	-4282	-0.16%	-0.005%
15	2.866	2.853	2.872	PH	-152	-2942	-0.11%	-0.003%
16	2.878	2.872	2.895	PH	-185	-3650	-0.13%	-0.004%
17	2.905	2.895	2.912	PH	-185	-2398	-0.09%	-0.003%
18	2.932	2.912	2.961	PH	-112	-5768	-0.21%	-0.006%
19	2.966	2.961	2.969	PH	-176	-1074	-0.04%	-0.001%
20	2.976	2.969	2.982	PH	-208	-1668	-0.06%	-0.002%
21	2.988	2.982	2.994	PH	-150	-1573	-0.06%	-0.002%
22	3.007	2.994	3.014	PH	-88	-1915	-0.07%	-0.002%
23	3.026	3.014	3.037	PH	-79	-2515	-0.09%	-0.003%
24	3.045	3.037	3.052	PH	-4	-1312	-0.05%	-0.001%
25	3.074	3.052	3.086	PH	334	1064	0.04%	0.001%
26	3.089	3.086	3.127	PH	106	-2041	-0.07%	-0.002%
27	3.145	3.127	3.177	PH	-74	-5754	-0.21%	-0.006%
28	3.194	3.177	3.214	PH	-133	-5762	-0.21%	-0.006%
29	3.219	3.214	3.238	PH	-253	-5216	-0.19%	-0.006%
30	3.244	3.238	3.255	PH	-279	-3413	-0.12%	-0.004%
31	3.258	3.255	3.275	PH	-312	-4716	-0.17%	-0.005%
32	3.288	3.275	3.317	PH	557	774	0.03%	0.001%
33	3.319	3.317	3.339	PH	-182	-3262	-0.12%	-0.004%
34	3.343	3.339	3.355	PH	-327	-3273	-0.12%	-0.004%
35	3.357	3.355	3.368	PH	-249	-2652	-0.10%	-0.003%
36	3.404	3.368	3.425	PH	283	-6236	-0.23%	-0.007%

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37	3.430	3.425	3.443	PH	-288	-4193	-0.15%	-0.005%
38	3.447	3.443	3.465	PH	-425	-5584	-0.20%	-0.006%
39	3.469	3.465	3.473	PH	-365	-2112	-0.08%	-0.002%
40	3.485	3.473	3.491	PH	-365	-4454	-0.16%	-0.005%
41	3.502	3.491	3.509	PH	-225	-3788	-0.14%	-0.004%
42	3.515	3.509	3.550	PH	-236	-9646	-0.35%	-0.011%
43	3.568	3.550	3.581	PH	-255	-6576	-0.24%	-0.007%
44	3.593	3.581	3.612	PH	-317	-7199	-0.26%	-0.008%
45	3.618	3.612	3.631	PH	-405	-5112	-0.19%	-0.006%
46	3.638	3.631	3.655	PH	-302	-5895	-0.22%	-0.006%
47	3.660	3.655	3.667	PH	-439	-3472	-0.13%	-0.004%
48	3.678	3.667	3.684	PH	-338	-4008	-0.15%	-0.004%
49	3.696	3.684	3.708	PH	-256	-5280	-0.19%	-0.006%
50	3.712	3.708	3.731	PH	-294	-5126	-0.19%	-0.006%
51	3.734	3.731	3.742	PH	-388	-3071	-0.11%	-0.003%
52	3.755	3.742	3.763	PH	-323	-5488	-0.20%	-0.006%
53	3.780	3.763	3.795	PH	-350	-7445	-0.27%	-0.008%
54	3.797	3.795	3.836	PH	-379	-11829	-0.43%	-0.013%
55	3.840	3.836	3.859	PH	-450	-6581	-0.24%	-0.007%
56	3.868	3.859	3.877	PH	-421	-4766	-0.17%	-0.005%
57	3.891	3.877	3.918	PH	-346	-10519	-0.38%	-0.012%
58	3.951	3.918	3.969	PH	-335	-14232	-0.52%	-0.016%
59	3.998	3.969	4.030	PH	-432	-18539	-0.68%	-0.020%
60	4.067	4.030	4.081	PH	3796	24728	0.90%	0.027%
61	4.096	4.081	4.154	HH	3783	35675	1.30%	0.039%
62	4.164	4.154	4.220	PH	-160	-12506	-0.46%	-0.014%
63	4.235	4.220	4.264	PH	1252	13941	0.51%	0.015%
64	4.268	4.264	4.319	HH	157	-3720	-0.14%	-0.004%
65	4.327	4.319	4.351	PH	-177	-5905	-0.22%	-0.006%
66	4.370	4.351	4.376	PH	-352	-5805	-0.21%	-0.006%
67	4.390	4.376	4.399	PH	-318	-4826	-0.18%	-0.005%
68	4.409	4.399	4.416	PH	-256	-3312	-0.12%	-0.004%
69	4.421	4.416	4.424	PH	-346	-1625	-0.06%	-0.002%
70	4.436	4.424	4.447	PH	-201	-4412	-0.16%	-0.005%
71	4.473	4.447	4.517	PH	284339	2490720	90.86%	2.731%
72	4.521	4.517	4.552	PH	44	-2029	-0.07%	-0.002%
73	4.562	4.552	4.574	PH	-81	-2568	-0.09%	-0.003%
74	4.578	4.574	4.582	PH	-185	-973	-0.04%	-0.001%
75	4.588	4.582	4.604	PH	-113	-3308	-0.12%	-0.004%
76	4.622	4.604	4.662	PH	1591	6341	0.23%	0.007%
77	4.710	4.662	4.743	PH	337	-7705	-0.28%	-0.008%
78	4.762	4.743	4.797	PH	74	-11033	-0.40%	-0.012%
79	4.824	4.797	4.841	PH	-197	-9556	-0.35%	-0.010%
80	4.860	4.841	4.894	PH	218	-10567	-0.39%	-0.012%
81	4.898	4.894	4.945	PH	-511	-17581	-0.64%	-0.019%
82	4.952	4.945	4.971	PH	-541	-8769	-0.32%	-0.010%
83	4.976	4.971	5.002	PH	-507	-11935	-0.44%	-0.013%
84	5.011	5.002	5.036	PH	-559	-12504	-0.46%	-0.014%
85	5.064	5.036	5.095	PH	301	-5239	-0.19%	-0.006%
86	5.099	5.095	5.129	PH	-299	-8880	-0.32%	-0.010%
87	5.135	5.129	5.140	PH	-583	-3926	-0.14%	-0.004%
88	5.163	5.140	5.181	PH	-97	-10047	-0.37%	-0.011%
89	5.193	5.181	5.199	PH	-548	-6822	-0.25%	-0.007%

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90	5.206	5.199	5.241	PH	-520	-14627	-0.53%	-0.016%
91	5.284	5.241	5.291	PH	-420	-17429	-0.64%	-0.019%
92	5.297	5.291	5.313	PH	-341	-6482	-0.24%	-0.007%
93	5.334	5.313	5.377	PH	173	-14732	-0.54%	-0.016%
94	5.391	5.377	5.437	PH	-54	-17073	-0.62%	-0.019%
95	5.466	5.437	5.487	PH	-545	-19569	-0.71%	-0.021%
96	5.510	5.487	5.535	PH	1143	-3768	-0.14%	-0.004%
97	5.554	5.535	5.617	PH	1568	-11367	-0.41%	-0.012%
98	5.633	5.617	5.637	PH	-504	-7377	-0.27%	-0.008%
99	5.641	5.637	5.662	PH	-523	-9547	-0.35%	-0.010%
100	5.674	5.662	5.692	PH	-547	-11337	-0.41%	-0.012%
101	5.711	5.692	5.717	PH	-598	-10109	-0.37%	-0.011%
102	5.735	5.717	5.775	PH	1172	-2920	-0.11%	-0.003%
103	5.783	5.775	5.811	PH	-621	-14564	-0.53%	-0.016%
104	5.815	5.811	5.824	PH	-659	-5615	-0.20%	-0.006%
105	5.829	5.824	5.834	PH	-731	-4538	-0.17%	-0.005%
106	5.842	5.834	5.847	PH	-710	-5927	-0.22%	-0.006%
107	5.855	5.847	5.874	PH	-679	-11668	-0.43%	-0.013%
108	5.885	5.874	5.902	PH	-574	-11762	-0.43%	-0.013%
109	5.909	5.902	5.918	PH	-689	-7323	-0.27%	-0.008%
110	5.927	5.918	5.932	PH	-726	-6225	-0.23%	-0.007%
111	5.937	5.932	5.959	PH	-667	-12228	-0.45%	-0.013%
112	5.967	5.959	5.998	PH	-655	-17791	-0.65%	-0.020%
113	6.001	5.998	6.005	PH	-767	-3448	-0.13%	-0.004%
114	6.012	6.005	6.019	PH	-669	-6267	-0.23%	-0.007%
115	6.053	6.019	6.081	PH	479	-9177	-0.33%	-0.010%
116	6.115	6.081	6.189	PH	112187	1153853	42.09%	1.265%
117	6.203	6.189	6.282	HH	1367	23361	0.85%	0.026%
118	6.289	6.282	6.299	PH	45	-390	-0.01%	-0.000%
119	6.302	6.299	6.308	PH	24	-614	-0.02%	-0.001%
120	6.315	6.308	6.322	PH	-175	-1536	-0.06%	-0.002%
121	6.335	6.322	6.347	PH	202	347	0.01%	0.000%
122	6.353	6.347	6.356	PH	68	29	0.00%	0.000%
123	6.369	6.356	6.421	PH	240	-2576	-0.09%	-0.003%
124	6.430	6.421	6.439	PH	-325	-3751	-0.14%	-0.004%
125	6.490	6.439	6.578	PH	269777	2544278	92.81%	2.789%
126	6.584	6.578	6.591	PH	-268	-2425	-0.09%	-0.003%
127	6.599	6.591	6.614	PH	-302	-4898	-0.18%	-0.005%
128	6.618	6.614	6.625	PH	-369	-2587	-0.09%	-0.003%
129	6.632	6.625	6.635	PH	-376	-2202	-0.08%	-0.002%
130	6.639	6.635	6.684	PH	-339	-14780	-0.54%	-0.016%
131	6.690	6.684	6.695	PH	-455	-3476	-0.13%	-0.004%
132	6.700	6.695	6.711	PH	-524	-5283	-0.19%	-0.006%
133	6.720	6.711	6.726	PH	-536	-5033	-0.18%	-0.006%
134	6.744	6.726	6.754	PH	-529	-9289	-0.34%	-0.010%
135	6.772	6.754	6.819	PH	-58	-16325	-0.60%	-0.018%
136	6.824	6.819	6.828	PH	-615	-3344	-0.12%	-0.004%
137	6.835	6.828	6.914	PH	-578	-34858	-1.27%	-0.038%
138	6.919	6.914	6.926	PH	-671	-5518	-0.20%	-0.006%
139	6.929	6.926	6.933	PH	-723	-3137	-0.11%	-0.003%
140	6.956	6.933	6.996	PH	-235	-16864	-0.62%	-0.018%
141	7.007	6.996	7.015	PH	-400	-5875	-0.21%	-0.006%

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142	7.021	7.015	7.030	PH	-534	-4958	-0.18%	-0.005%
143	7.033	7.030	7.054	PH	-588	-9809	-0.36%	-0.011%
144	7.073	7.054	7.086	PH	-670	-13464	-0.49%	-0.015%
145	7.090	7.086	7.107	PH	-635	-8695	-0.32%	-0.010%
146	7.120	7.107	7.126	PH	-612	-7506	-0.27%	-0.008%
147	7.130	7.126	7.133	PH	-598	-2592	-0.09%	-0.003%
148	7.148	7.133	7.184	PH	-298	-17195	-0.63%	-0.019%
149	7.189	7.184	7.201	PH	-652	-7147	-0.26%	-0.008%
150	7.207	7.201	7.218	PH	-698	-7256	-0.26%	-0.008%
151	7.221	7.218	7.224	PH	-757	-3215	-0.12%	-0.004%
152	7.228	7.224	7.231	PH	-777	-3361	-0.12%	-0.004%
153	7.248	7.231	7.259	PH	-651	-12469	-0.45%	-0.014%
154	7.262	7.259	7.272	PH	-736	-6080	-0.22%	-0.007%
155	7.287	7.272	7.303	PH	-656	-13017	-0.47%	-0.014%
156	7.307	7.303	7.314	PH	-716	-5301	-0.19%	-0.006%
157	7.324	7.314	7.329	PH	-763	-7059	-0.26%	-0.008%
158	7.335	7.329	7.377	PH	-802	-23725	-0.87%	-0.026%
159	7.412	7.377	7.431	PH	196	-16506	-0.60%	-0.018%
160	7.436	7.431	7.459	PH	-770	-14203	-0.52%	-0.016%
161	7.464	7.459	7.468	PH	-867	-4895	-0.18%	-0.005%
162	7.480	7.468	7.501	PH	-739	-16618	-0.61%	-0.018%
163	7.506	7.501	7.517	PH	-892	-8639	-0.32%	-0.009%
164	7.541	7.517	7.571	PH	-733	-26421	-0.96%	-0.029%
165	7.589	7.571	7.615	PH	-745	-21378	-0.78%	-0.023%
166	7.651	7.615	7.660	PH	-768	-22977	-0.84%	-0.025%
167	7.667	7.660	7.679	PH	-746	-9248	-0.34%	-0.010%
168	7.702	7.679	7.739	PH	714	-13618	-0.50%	-0.015%
169	7.744	7.739	7.760	PH	-747	-10293	-0.38%	-0.011%
170	7.765	7.760	7.796	PH	-674	-18060	-0.66%	-0.020%
171	7.801	7.796	7.804	PH	-857	-4115	-0.15%	-0.005%
172	7.824	7.804	7.843	PH	-349	-14153	-0.52%	-0.016%
173	7.868	7.843	7.926	PH	1177	-18457	-0.67%	-0.020%
174	7.932	7.926	7.960	PH	-790	-18338	-0.67%	-0.020%
175	7.978	7.960	7.997	PH	-586	-17408	-0.64%	-0.019%
176	8.016	7.997	8.051	PH	511	-9823	-0.36%	-0.011%
177	8.056	8.051	8.059	PH	-782	-3920	-0.14%	-0.004%
178	8.063	8.059	8.087	PH	-779	-14994	-0.55%	-0.016%
179	8.106	8.087	8.112	PH	-770	-12662	-0.46%	-0.014%
180	8.115	8.112	8.130	PH	-747	-9058	-0.33%	-0.010%
181	8.179	8.130	8.209	PH	-426	-36352	-1.33%	-0.040%
182	8.250	8.209	8.255	PH	1032	-3102	-0.11%	-0.003%
183	8.282	8.255	8.392	HH	247578	2529189	92.26%	2.773%
184	8.398	8.392	8.436	PH	-390	-14575	-0.53%	-0.016%
185	8.440	8.436	8.445	PH	-726	-3882	-0.14%	-0.004%
186	8.451	8.445	8.462	PH	-693	-7638	-0.28%	-0.008%
187	8.468	8.462	8.481	PH	-737	-8922	-0.33%	-0.010%
188	8.512	8.481	8.546	PH	-288	-24975	-0.91%	-0.027%
189	8.554	8.546	8.562	PH	-755	-8519	-0.31%	-0.009%
190	8.565	8.562	8.586	PH	-814	-12426	-0.45%	-0.014%
191	8.602	8.586	8.607	PH	-789	-11217	-0.41%	-0.012%
192	8.611	8.607	8.629	PH	-832	-11121	-0.41%	-0.012%
193	8.648	8.629	8.677	PH	-129	-17962	-0.66%	-0.020%
194	8.686	8.677	8.696	PH	-748	-8739	-0.32%	-0.010%

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195	8.733	8.696	8.739	PH	424	-7051	-0.26%	-0.008%
196	8.751	8.739	8.801	HH	1175	1322	0.05%	0.001%
197	8.816	8.801	8.832	PH	-349	-10468	-0.38%	-0.011%
198	8.837	8.832	8.843	PH	-775	-5129	-0.19%	-0.006%
199	8.888	8.843	8.916	PH	-556	-32237	-1.18%	-0.035%
200	8.927	8.916	8.951	PH	-749	-18000	-0.66%	-0.020%
201	9.003	8.951	9.051	PH	655	-27128	-0.99%	-0.030%
202	9.055	9.051	9.062	PH	-670	-5108	-0.19%	-0.006%
203	9.076	9.062	9.081	PH	-675	-8124	-0.30%	-0.009%
204	9.102	9.081	9.123	PH	601	-4738	-0.17%	-0.005%
205	9.127	9.123	9.132	PH	-710	-3573	-0.13%	-0.004%
206	9.138	9.132	9.154	PH	-655	-9955	-0.36%	-0.011%
207	9.157	9.154	9.169	PH	-781	-7452	-0.27%	-0.008%
208	9.175	9.169	9.188	PH	-817	-9808	-0.36%	-0.011%
209	9.192	9.188	9.202	PH	-813	-7599	-0.28%	-0.008%
210	9.206	9.202	9.261	PH	-803	-31807	-1.16%	-0.035%
211	9.286	9.261	9.326	PH	-670	-33373	-1.22%	-0.037%
212	9.357	9.326	9.364	PH	-753	-19816	-0.72%	-0.022%
213	9.369	9.364	9.373	PH	-820	-4230	-0.15%	-0.005%
214	9.375	9.373	9.380	PH	-833	-3837	-0.14%	-0.004%
215	9.394	9.380	9.411	PH	-745	-15561	-0.57%	-0.017%
216	9.428	9.411	9.459	PH	69	-10079	-0.37%	-0.011%
217	9.485	9.459	9.514	PH	-147	-16301	-0.59%	-0.018%
218	9.520	9.514	9.534	PH	-595	-8333	-0.30%	-0.009%
219	9.557	9.534	9.587	PH	-398	-17488	-0.64%	-0.019%
220	9.605	9.587	9.638	PH	-277	-19197	-0.70%	-0.021%
221	9.657	9.638	9.685	PH	-473	-20534	-0.75%	-0.023%
222	9.716	9.685	9.739	PH	372	-13627	-0.50%	-0.015%
223	9.758	9.739	9.784	PH	1182	2119	0.08%	0.002%
224	9.791	9.784	9.798	PH	-550	-5014	-0.18%	-0.005%
225	9.816	9.798	9.847	PH	-294	-16409	-0.60%	-0.018%
226	9.878	9.847	9.962	PH	239335	2513207	91.68%	2.755%
227	9.988	9.962	10.010	PH	-263	-12114	-0.44%	-0.013%
228	10.016	10.010	10.032	PH	-553	-8417	-0.31%	-0.009%
229	10.041	10.032	10.046	PH	-641	-5331	-0.19%	-0.006%
230	10.056	10.046	10.062	PH	-602	-6409	-0.23%	-0.007%
231	10.088	10.062	10.131	PH	-503	-26082	-0.95%	-0.029%
232	10.135	10.131	10.154	PH	-726	-10677	-0.39%	-0.012%
233	10.158	10.154	10.175	PH	-713	-10008	-0.37%	-0.011%
234	10.180	10.175	10.187	PH	-712	-5671	-0.21%	-0.006%
235	10.192	10.187	10.203	PH	-750	-7921	-0.29%	-0.009%
236	10.221	10.203	10.243	PH	-60	-10936	-0.40%	-0.012%
237	10.269	10.243	10.290	PH	-45	-12747	-0.46%	-0.014%
238	10.318	10.290	10.339	PH	-240	-14551	-0.53%	-0.016%
239	10.355	10.339	10.385	PH	-417	-15825	-0.58%	-0.017%
240	10.403	10.385	10.422	PH	24	-8708	-0.32%	-0.010%
241	10.431	10.422	10.456	PH	-577	-12642	-0.46%	-0.014%
242	10.460	10.456	10.472	PH	-624	-6885	-0.25%	-0.008%
243	10.502	10.472	10.541	PH	297	-14720	-0.54%	-0.016%
244	10.573	10.541	10.589	PH	-24	-10671	-0.39%	-0.012%
245	10.615	10.589	10.655	PH	918	-3594	-0.13%	-0.004%
246	10.688	10.655	10.705	PH	-249	-12156	-0.44%	-0.013%

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247	10.723	10.705	10.749	PH	276	-6309	-0.23%	-0.007%
248	10.754	10.749	10.782	PH	-464	-11905	-0.43%	-0.013%
249	10.788	10.782	10.794	PH	-614	-4731	-0.17%	-0.005%
250	10.808	10.794	10.825	PH	-630	-13260	-0.48%	-0.015%
251	10.844	10.825	10.864	PH	-408	-13697	-0.50%	-0.015%
252	10.889	10.864	10.920	PH	1200	4769	0.17%	0.005%
253	10.924	10.920	10.945	PH	-308	-5825	-0.21%	-0.006%
254	10.962	10.945	10.974	PH	-262	-7526	-0.27%	-0.008%
255	10.993	10.974	11.024	PH	-374	-14354	-0.52%	-0.016%
256	11.031	11.024	11.055	PH	-380	-8331	-0.30%	-0.009%
257	11.072	11.055	11.104	PH	-332	-16318	-0.60%	-0.018%
258	11.121	11.104	11.137	PH	-370	-10294	-0.38%	-0.011%
259	11.152	11.137	11.168	PH	-351	-7981	-0.29%	-0.009%
260	11.179	11.168	11.199	PH	-344	-9273	-0.34%	-0.010%
261	11.204	11.199	11.219	PH	-564	-7869	-0.29%	-0.009%
262	11.247	11.219	11.261	PH	-541	-14575	-0.53%	-0.016%
263	11.317	11.261	11.371	PH	226864	2508148	91.49%	2.750%
264	11.391	11.371	11.460	PH	898	1146	0.04%	0.001%
265	11.480	11.460	11.496	PH	42	-4870	-0.18%	-0.005%
266	11.511	11.496	11.542	PH	-93	-11776	-0.43%	-0.013%
267	11.579	11.542	11.606	PH	261	-6538	-0.24%	-0.007%
268	11.634	11.606	11.663	PH	-283	-14529	-0.53%	-0.016%
269	11.690	11.663	11.699	PH	-347	-9771	-0.36%	-0.011%
270	11.738	11.699	11.774	PH	175	-8593	-0.31%	-0.009%
271	11.800	11.774	11.821	PH	170	-5500	-0.20%	-0.006%
272	11.835	11.821	11.853	PH	-107	-4843	-0.18%	-0.005%
273	11.868	11.853	11.900	PH	-224	-9725	-0.35%	-0.011%
274	11.902	11.900	11.912	PH	-488	-3969	-0.14%	-0.004%
275	11.931	11.912	11.936	PH	-467	-7184	-0.26%	-0.008%
276	11.940	11.936	11.947	PH	-426	-3360	-0.12%	-0.004%
277	11.978	11.947	12.010	PH	383	-2479	-0.09%	-0.003%
278	12.037	12.010	12.061	PH	4850	51346	1.87%	0.056%
279	12.081	12.061	12.124	HH	1633	16711	0.61%	0.018%
280	12.141	12.124	12.180	PH	-58	-7733	-0.28%	-0.008%
281	12.234	12.180	12.307	PH	64077	656917	23.96%	0.720%
282	12.318	12.307	12.342	HH	402	3773	0.14%	0.004%
283	12.353	12.342	12.377	PH	91	-82	-0.00%	-0.000%
284	12.395	12.377	12.412	PH	125	457	0.02%	0.001%
285	12.418	12.412	12.423	PH	86	285	0.01%	0.000%
286	12.448	12.423	12.475	PH	584	6023	0.22%	0.007%
287	12.482	12.475	12.495	PH	130	309	0.01%	0.000%
288	12.498	12.495	12.511	PH	-17	-423	-0.02%	-0.000%
289	12.518	12.511	12.527	PH	23	-401	-0.01%	-0.000%
290	12.554	12.527	12.560	PH	220	1903	0.07%	0.002%
291	12.566	12.560	12.589	HH	248	1931	0.07%	0.002%
292	12.624	12.589	12.672	PH	214256	2499638	91.18%	2.740%
293	12.701	12.672	12.768	HH	2571	43283	1.58%	0.047%
294	12.773	12.768	12.792	PH	105	-677	-0.02%	-0.001%
295	12.814	12.792	12.823	PH	2	-1376	-0.05%	-0.002%
296	12.827	12.823	12.832	PH	-9	-349	-0.01%	-0.000%
297	12.866	12.832	12.915	PH	452	8849	0.32%	0.010%
298	12.945	12.915	12.971	PH	392	6618	0.24%	0.007%
299	12.998	12.971	13.012	HH	2181	28703	1.05%	0.031%

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300	13.032	13.012	13.084	HH	2662	66267	2.42%	0.073%
301	13.087	13.084	13.097	HH	571	4230	0.15%	0.005%
302	13.111	13.097	13.159	HH	661	15545	0.57%	0.017%
303	13.174	13.159	13.202	HH	371	7770	0.28%	0.009%
304	13.248	13.202	13.259	HH	1691	34218	1.25%	0.038%
305	13.272	13.259	13.278	HH	1756	19158	0.70%	0.021%
306	13.299	13.278	13.357	HH	3488	72735	2.65%	0.080%
307	13.362	13.357	13.409	HH	614	16281	0.59%	0.018%
308	13.461	13.409	13.506	HH	11065	149753	5.46%	0.164%
309	13.510	13.506	13.523	HH	785	7331	0.27%	0.008%
310	13.529	13.523	13.534	HH	658	4016	0.15%	0.004%
311	13.542	13.534	13.555	HH	653	7572	0.28%	0.008%
312	13.584	13.555	13.594	HH	898	18083	0.66%	0.020%
313	13.597	13.594	13.606	HH	914	5706	0.21%	0.006%
314	13.647	13.606	13.674	HH	987	34997	1.28%	0.038%
315	13.689	13.674	13.701	HH	851	12353	0.45%	0.014%
316	13.711	13.701	13.718	HH	851	8542	0.31%	0.009%
317	13.741	13.718	13.751	HH	1042	17790	0.65%	0.020%
318	13.770	13.751	13.787	HH	1516	25133	0.92%	0.028%
319	13.819	13.787	13.897	HH	201574	2479908	90.46%	2.719%
320	13.905	13.897	13.922	HH	1153	15683	0.57%	0.017%
321	13.930	13.922	13.966	HH	1110	26700	0.97%	0.029%
322	13.971	13.966	14.003	HH	989	20543	0.75%	0.023%
323	14.050	14.003	14.078	HH	1310	49700	1.81%	0.054%
324	14.082	14.078	14.129	HH	1100	32257	1.18%	0.035%
325	14.146	14.129	14.159	HH	1139	19113	0.70%	0.021%
326	14.180	14.159	14.192	HH	1586	26809	0.98%	0.029%
327	14.217	14.192	14.274	HH	3240	101610	3.71%	0.111%
328	14.295	14.274	14.322	HH	1529	40775	1.49%	0.045%
329	14.337	14.322	14.354	HH	1642	27999	1.02%	0.031%
330	14.378	14.354	14.411	HH	2985	70118	2.56%	0.077%
331	14.414	14.411	14.431	HH	1781	20136	0.73%	0.022%
332	14.456	14.431	14.467	HH	1916	38486	1.40%	0.042%
333	14.485	14.467	14.496	HH	2090	32390	1.18%	0.036%
334	14.504	14.496	14.526	HH	1843	31280	1.14%	0.034%
335	14.534	14.526	14.551	HH	1706	23618	0.86%	0.026%
336	14.606	14.551	14.632	HH	2266	91922	3.35%	0.101%
337	14.650	14.632	14.674	HH	2066	48089	1.75%	0.053%
338	14.714	14.674	14.752	HH	142451	1939761	70.76%	2.127%
339	14.775	14.752	14.832	HH	2925	116021	4.23%	0.127%
340	14.919	14.832	14.954	HH	189251	2510228	91.57%	2.752%
341	14.964	14.954	15.002	HH	3269	76614	2.79%	0.084%
342	15.060	15.002	15.085	HH	2456	112369	4.10%	0.123%
343	15.112	15.085	15.137	HH	3734	89615	3.27%	0.098%
344	15.179	15.137	15.192	HH	2600	80847	2.95%	0.089%
345	15.199	15.192	15.208	HH	2548	24198	0.88%	0.027%
346	15.255	15.208	15.261	HH	2722	82352	3.00%	0.090%
347	15.299	15.261	15.411	HH	54454	1168626	42.63%	1.281%
348	15.438	15.411	15.444	HH	6259	91525	3.34%	0.100%
349	15.457	15.444	15.482	HH	8131	135443	4.94%	0.148%
350	15.493	15.482	15.505	HH	3552	47000	1.71%	0.052%
351	15.520	15.505	15.538	HH	3750	69452	2.53%	0.076%

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352	15.585	15.538	15.616	HH	3723	162079	5.91%	0.178%
353	15.636	15.616	15.660	HH	3733	93505	3.41%	0.103%
354	15.706	15.660	15.744	HH	3720	180537	6.59%	0.198%
355	15.754	15.744	15.768	HH	3708	52704	1.92%	0.058%
356	15.774	15.768	15.788	HH	3678	41799	1.52%	0.046%
357	15.823	15.788	15.862	HH	4786	185568	6.77%	0.203%
358	15.876	15.862	15.887	HH	3866	56472	2.06%	0.062%
359	15.937	15.887	15.984	HH	177829	2445065	89.19%	2.681%
360	15.999	15.984	16.042	HH	4554	145702	5.31%	0.160%
361	16.051	16.042	16.069	HH	4101	65136	2.38%	0.071%
362	16.082	16.069	16.088	HH	4065	44815	1.63%	0.049%
363	16.146	16.088	16.196	HH	4684	283207	10.33%	0.310%
364	16.242	16.196	16.270	HH	5394	215918	7.88%	0.237%
365	16.276	16.270	16.281	HH	4901	31354	1.14%	0.034%
366	16.315	16.281	16.370	HH	10374	381792	13.93%	0.419%
367	16.378	16.370	16.390	HH	5495	62614	2.28%	0.069%
368	16.418	16.390	16.471	HH	9201	322308	11.76%	0.353%
369	16.502	16.471	16.527	HH	8574	221908	8.09%	0.243%
370	16.558	16.527	16.607	HH	6238	275973	10.07%	0.303%
371	16.620	16.607	16.634	HH	5797	93074	3.40%	0.102%
372	16.694	16.634	16.734	HH	6996	379932	13.86%	0.417%
373	16.756	16.734	16.787	HH	7727	227152	8.29%	0.249%
374	16.813	16.787	16.835	HH	7200	192689	7.03%	0.211%
375	16.883	16.835	16.914	HH	171066	2454864	89.55%	2.691%
376	16.932	16.914	16.951	HH	10066	197783	7.21%	0.217%
377	16.960	16.951	16.987	HH	8330	164592	6.00%	0.180%
378	16.994	16.987	17.006	HH	6969	76877	2.80%	0.084%
379	17.029	17.006	17.057	HH	7035	213830	7.80%	0.234%
380	17.094	17.057	17.104	HH	7561	202454	7.39%	0.222%
381	17.128	17.104	17.133	HH	7906	132844	4.85%	0.146%
382	17.146	17.133	17.171	HH	7888	173927	6.34%	0.191%
383	17.175	17.171	17.181	HH	7523	44542	1.62%	0.049%
384	17.210	17.181	17.224	HH	8006	200699	7.32%	0.220%
385	17.254	17.224	17.304	HH	14754	511828	18.67%	0.561%
386	17.331	17.304	17.361	HH	17764	411272	15.00%	0.451%
387	17.378	17.361	17.398	HH	9005	192836	7.03%	0.211%
388	17.415	17.398	17.434	HH	9364	189477	6.91%	0.208%
389	17.465	17.434	17.469	HH	8869	178146	6.50%	0.195%
390	17.472	17.469	17.489	HH	8799	103872	3.79%	0.114%
391	17.517	17.489	17.532	HH	9106	220132	8.03%	0.241%
392	17.547	17.532	17.591	HH	8784	300021	10.94%	0.329%
393	17.614	17.591	17.624	HH	8926	172328	6.29%	0.189%
394	17.645	17.624	17.659	HH	8942	185506	6.77%	0.203%
395	17.695	17.659	17.712	HH	9836	301733	11.01%	0.331%
396	17.768	17.712	17.811	HH	157918	2606696	95.09%	2.858%
397	17.814	17.811	17.831	HH	9471	112303	4.10%	0.123%
398	17.858	17.831	17.887	HH	12191	349603	12.75%	0.383%
399	17.933	17.887	17.962	HH	11206	462186	16.86%	0.507%
400	17.971	17.962	17.994	HH	10357	192207	7.01%	0.211%
401	18.009	17.994	18.054	HH	11016	374398	13.66%	0.410%
402	18.129	18.054	18.169	HH	36307	1267973	46.25%	1.390%
403	18.188	18.169	18.227	HH	22824	562996	20.54%	0.617%
404	18.232	18.227	18.241	HH	11095	88545	3.23%	0.097%

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405	18.297	18.241	18.329	HH	13229	632245	23.06%	0.693%
406	18.344	18.329	18.383	HH	12423	385256	14.05%	0.422%
407	18.388	18.383	18.392	HH	11213	62507	2.28%	0.069%
408	18.397	18.392	18.411	HH	11256	128131	4.67%	0.140%
409	18.439	18.411	18.465	HH	12152	374747	13.67%	0.411%
410	18.493	18.465	18.527	HH	12099	441685	16.11%	0.484%
411	18.550	18.527	18.557	HH	12713	214464	7.82%	0.235%
412	18.597	18.557	18.632	HH	155705	2439940	89.00%	2.675%
413	18.639	18.632	18.656	HH	12922	184327	6.72%	0.202%
414	18.698	18.656	18.744	HH	16206	734902	26.81%	0.806%
415	18.761	18.744	18.831	HH	14713	699319	25.51%	0.767%
416	18.854	18.831	18.877	HH	13026	358556	13.08%	0.393%
417	18.884	18.877	18.889	HH	13072	86799	3.17%	0.095%
418	18.898	18.889	18.910	HH	13097	166831	6.09%	0.183%
419	18.959	18.910	19.057	HH	29072	1719040	62.71%	1.885%
420	19.093	19.057	19.124	HH	15788	603270	22.01%	0.661%
421	19.143	19.124	19.164	HH	16236	370444	13.51%	0.406%
422	19.182	19.164	19.216	HH	14952	451021	16.45%	0.494%
423	19.246	19.216	19.284	HH	15739	618101	22.55%	0.678%
424	19.301	19.284	19.336	HH	15452	464975	16.96%	0.510%
425	19.378	19.336	19.412	HH	128638	2242186	81.79%	2.458%
426	19.425	19.412	19.436	HH	16140	224093	8.17%	0.246%
427	19.457	19.436	19.471	HH	19302	376129	13.72%	0.412%
428	19.485	19.471	19.535	HH	19102	676920	24.69%	0.742%
429	19.567	19.535	19.582	HH	17011	468071	17.07%	0.513%
430	19.601	19.582	19.632	HH	16538	487739	17.79%	0.535%
431	19.673	19.632	19.702	HH	18189	719158	26.23%	0.788%
432	19.747	19.702	19.832	HH	27775	1531230	55.86%	1.679%
433	19.852	19.832	19.889	HH	18066	590498	21.54%	0.647%
434	19.931	19.889	19.948	HH	17823	621267	22.66%	0.681%
435	20.009	19.948	20.056	HH	18865	1183891	43.19%	1.298%
436	20.114	20.056	20.172	HH	111026	2624503	95.74%	2.877%
437	20.221	20.172	20.236	HH	20875	778242	28.39%	0.853%
438	20.242	20.236	20.271	HH	20881	429907	15.68%	0.471%
439	20.286	20.271	20.312	HH	21137	511242	18.65%	0.560%
440	20.345	20.312	20.354	HH	20760	509143	18.57%	0.558%
441	20.373	20.354	20.404	HH	21246	621181	22.66%	0.681%
442	20.473	20.404	20.486	HH	24630	1068779	38.99%	1.172%
443	20.496	20.486	20.554	HH	24634	910953	33.23%	0.999%
444	20.578	20.554	20.607	HH	20819	657964	24.00%	0.721%
445	20.618	20.607	20.652	HH	20406	535254	19.53%	0.587%
446	20.708	20.652	20.739	HH	22379	1087376	39.67%	1.192%
447	20.747	20.739	20.806	HH	20380	806887	29.43%	0.885%
448	20.852	20.806	20.920	HH	88308	2513155	91.68%	2.755%
449	20.928	20.920	20.939	HH	19407	224944	8.21%	0.247%
450	20.949	20.939	20.976	HH	19416	425221	15.51%	0.466%
451	20.983	20.976	20.994	HH	19414	206325	7.53%	0.226%
452	21.005	20.994	21.027	HH	19542	393883	14.37%	0.432%
453	21.037	21.027	21.081	HH	19515	620502	22.63%	0.680%
454	21.097	21.081	21.107	HH	19351	306937	11.20%	0.337%
455	21.120	21.107	21.162	HH	19418	635710	23.19%	0.697%
456	21.168	21.162	21.201	HH	19201	433320	15.81%	0.475%

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457	21.282	21.201	21.345	HH	21260	1696236	61.88%	1.860%
458	21.354	21.345	21.361	HH	19192	176514	6.44%	0.194%
459	21.371	21.361	21.382	HH	19321	249895	9.12%	0.274%
460	21.390	21.382	21.498	HH	19291	1294470	47.22%	1.419%
461	21.512	21.498	21.564	HH	18425	711783	25.96%	0.780%
462	21.655	21.564	21.707	HH	20192	1590036	58.00%	1.743%
463	21.768	21.707	21.851	HHA	68654	2741368	100.00%	3.005%
					Sum of corrected areas:	91213553		

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