

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122321\
 Data File : FF009535.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2021 12:23
 Sample : M5191-01 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.397	2.394	2.422	PH	-68	-2164	-0.15%	-0.004%
2	2.426	2.422	2.430	PH	-92	-473	-0.03%	-0.001%
3	2.434	2.430	2.445	PH	-59	-939	-0.06%	-0.002%
4	2.456	2.445	2.515	PH	177	-5430	-0.37%	-0.010%
5	2.521	2.515	2.530	PH	-129	-1457	-0.10%	-0.003%
6	2.535	2.530	2.545	PH	-45	-1524	-0.10%	-0.003%
7	2.551	2.545	2.556	PH	-138	-1216	-0.08%	-0.002%
8	2.566	2.556	2.592	PH	-131	-4067	-0.28%	-0.007%
9	2.596	2.592	2.610	PH	-172	-1987	-0.13%	-0.003%
10	2.614	2.610	2.630	PH	-92	-2054	-0.14%	-0.004%
11	2.645	2.630	2.649	PH	-89	-1666	-0.11%	-0.003%
12	2.653	2.649	2.674	PH	-45	-2188	-0.15%	-0.004%
13	2.678	2.674	2.702	PH	-153	-3143	-0.21%	-0.006%
14	2.705	2.702	2.713	PH	-194	-1316	-0.09%	-0.002%
15	2.738	2.713	2.742	PH	-12	-1939	-0.13%	-0.003%
16	2.747	2.742	2.766	PH	7	-1313	-0.09%	-0.002%
17	2.771	2.766	2.780	PH	-118	-1120	-0.08%	-0.002%
18	2.785	2.780	2.812	PH	-87	-2880	-0.20%	-0.005%
19	2.822	2.812	2.840	PH	-87	-2723	-0.18%	-0.005%
20	2.844	2.840	2.869	PH	-115	-3234	-0.22%	-0.006%
21	2.878	2.869	2.890	PH	-132	-2276	-0.15%	-0.004%
22	2.901	2.890	2.905	PH	-99	-1772	-0.12%	-0.003%
23	2.910	2.905	2.915	PH	-190	-1260	-0.09%	-0.002%
24	2.919	2.915	2.940	PH	-144	-2962	-0.20%	-0.005%
25	2.954	2.940	2.980	PH	-19	-3821	-0.26%	-0.007%
26	2.999	2.980	3.015	PH	-141	-4619	-0.31%	-0.008%
27	3.020	3.015	3.034	PH	-156	-2473	-0.17%	-0.004%
28	3.041	3.034	3.046	PH	-235	-1662	-0.11%	-0.003%
29	3.051	3.046	3.056	PH	-219	-1551	-0.11%	-0.003%
30	3.073	3.056	3.080	PH	-231	-3683	-0.25%	-0.006%
31	3.087	3.080	3.111	PH	-170	-4776	-0.32%	-0.008%
32	3.117	3.111	3.135	PH	-265	-4122	-0.28%	-0.007%
33	3.150	3.135	3.164	PH	-217	-4843	-0.33%	-0.008%
34	3.167	3.164	3.175	PH	-183	-1766	-0.12%	-0.003%
35	3.196	3.175	3.211	PH	-170	-5327	-0.36%	-0.009%
36	3.214	3.211	3.224	PH	-218	-2046	-0.14%	-0.004%

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37	3.235	3.224	3.240	PH	-227	-2724	-0.18%	-0.005%
38	3.246	3.240	3.259	PH	-211	-2951	-0.20%	-0.005%
39	3.267	3.259	3.279	PH	-241	-3588	-0.24%	-0.006%
40	3.289	3.279	3.295	PH	-240	-2850	-0.19%	-0.005%
41	3.298	3.295	3.321	PH	-180	-4586	-0.31%	-0.008%
42	3.323	3.321	3.335	PH	-194	-2359	-0.16%	-0.004%
43	3.338	3.335	3.347	PH	-322	-2393	-0.16%	-0.004%
44	3.355	3.347	3.385	PH	-209	-6584	-0.45%	-0.012%
45	3.391	3.385	3.394	PH	-262	-1720	-0.12%	-0.003%
46	3.401	3.394	3.425	PH	-198	-5729	-0.39%	-0.010%
47	3.432	3.425	3.450	PH	-210	-4526	-0.31%	-0.008%
48	3.453	3.450	3.472	PH	-203	-3514	-0.24%	-0.006%
49	3.493	3.472	3.524	PH	345	-3864	-0.26%	-0.007%
50	3.528	3.524	3.542	PH	-308	-3720	-0.25%	-0.007%
51	3.552	3.542	3.559	PH	-281	-3301	-0.22%	-0.006%
52	3.568	3.559	3.586	PH	-206	-4350	-0.30%	-0.008%
53	3.591	3.586	3.609	PH	-228	-4064	-0.28%	-0.007%
54	3.618	3.609	3.650	PH	-174	-6340	-0.43%	-0.011%
55	3.659	3.650	3.674	PH	-246	-4100	-0.28%	-0.007%
56	3.693	3.674	3.717	PH	-197	-7446	-0.51%	-0.013%
57	3.730	3.717	3.756	PH	-162	-6757	-0.46%	-0.012%
58	3.775	3.756	3.791	PH	-182	-5499	-0.37%	-0.010%
59	3.796	3.791	3.803	PH	-237	-2106	-0.14%	-0.004%
60	3.807	3.803	3.825	PH	-282	-4394	-0.30%	-0.008%
61	3.863	3.825	3.875	PH	-154	-8844	-0.60%	-0.016%
62	3.888	3.875	3.895	PH	-195	-3223	-0.22%	-0.006%
63	3.898	3.895	3.913	PH	-176	-2640	-0.18%	-0.005%
64	3.924	3.913	3.939	PH	-169	-3860	-0.26%	-0.007%
65	3.950	3.939	3.977	PH	-51	-4172	-0.28%	-0.007%
66	4.001	3.977	4.011	PH	-142	-4586	-0.31%	-0.008%
67	4.026	4.011	4.030	PH	-31	-1701	-0.12%	-0.003%
68	4.034	4.030	4.050	PH	-17	-1527	-0.10%	-0.003%
69	4.053	4.050	4.058	PH	-136	-931	-0.06%	-0.002%
70	4.062	4.058	4.093	PH	-132	-4550	-0.31%	-0.008%
71	4.099	4.093	4.112	PH	-137	-2632	-0.18%	-0.005%
72	4.117	4.112	4.141	PH	-171	-4769	-0.32%	-0.008%
73	4.171	4.141	4.183	PH	-181	-6767	-0.46%	-0.012%
74	4.185	4.183	4.190	PH	-254	-1173	-0.08%	-0.002%
75	4.194	4.190	4.200	PH	-288	-1973	-0.13%	-0.003%
76	4.204	4.200	4.228	PH	-160	-4333	-0.29%	-0.008%
77	4.257	4.228	4.278	PH	87	-5230	-0.36%	-0.009%
78	4.285	4.278	4.289	PH	-223	-1812	-0.12%	-0.003%
79	4.304	4.289	4.323	PH	-151	-5206	-0.35%	-0.009%
80	4.327	4.323	4.346	PH	-203	-3972	-0.27%	-0.007%
81	4.362	4.346	4.400	PH	-77	-9329	-0.63%	-0.016%
82	4.420	4.400	4.449	PH	-143	-6765	-0.46%	-0.012%
83	4.454	4.449	4.472	PH	-188	-3090	-0.21%	-0.005%
84	4.479	4.472	4.493	PH	-160	-3404	-0.23%	-0.006%
85	4.511	4.493	4.525	PH	-89	-4495	-0.31%	-0.008%
86	4.533	4.525	4.554	PH	-307	-5914	-0.40%	-0.010%
87	4.559	4.554	4.578	PH	-303	-5249	-0.36%	-0.009%
88	4.582	4.578	4.592	PH	-294	-2964	-0.20%	-0.005%
89	4.595	4.592	4.603	PH	-406	-2728	-0.19%	-0.005%

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90	4.607	4.603	4.619	PH	-322	-3682	-0.25%	-0.006%
91	4.628	4.619	4.650	PH	-219	-6034	-0.41%	-0.011%
92	4.655	4.650	4.672	PH	-263	-4352	-0.30%	-0.008%
93	4.677	4.672	4.698	PH	-307	-5937	-0.40%	-0.010%
94	4.720	4.698	4.742	PH	-148	-8451	-0.57%	-0.015%
95	4.750	4.742	4.757	PH	-364	-3749	-0.25%	-0.007%
96	4.765	4.757	4.782	PH	-313	-6058	-0.41%	-0.011%
97	4.786	4.782	4.798	PH	-346	-3901	-0.26%	-0.007%
98	4.808	4.798	4.815	PH	-346	-4074	-0.28%	-0.007%
99	4.817	4.815	4.828	PH	-376	-3065	-0.21%	-0.005%
100	4.833	4.828	4.848	PH	-331	-4935	-0.34%	-0.009%
101	4.866	4.848	4.875	PH	-178	-4306	-0.29%	-0.008%
102	4.878	4.875	4.884	PH	-278	-1726	-0.12%	-0.003%
103	4.895	4.884	4.923	PH	-224	-8351	-0.57%	-0.015%
104	4.937	4.923	4.954	PH	-165	-5644	-0.38%	-0.010%
105	4.980	4.954	4.986	PH	-269	-6686	-0.45%	-0.012%
106	4.994	4.986	5.032	PH	-210	-10740	-0.73%	-0.019%
107	5.061	5.032	5.066	PH	-377	-9150	-0.62%	-0.016%
108	5.084	5.066	5.098	PH	-266	-7789	-0.53%	-0.014%
109	5.104	5.098	5.110	PH	-411	-2963	-0.20%	-0.005%
110	5.130	5.110	5.137	PH	-288	-6545	-0.44%	-0.011%
111	5.145	5.137	5.151	PH	-315	-3015	-0.20%	-0.005%
112	5.177	5.151	5.195	PH	-274	-9769	-0.66%	-0.017%
113	5.201	5.195	5.227	PH	-309	-7910	-0.54%	-0.014%
114	5.237	5.227	5.248	PH	-337	-5485	-0.37%	-0.010%
115	5.269	5.248	5.275	PH	-391	-7693	-0.52%	-0.013%
116	5.290	5.275	5.317	PH	388	-1311	-0.09%	-0.002%
117	5.324	5.317	5.359	PH	-217	-9504	-0.65%	-0.017%
118	5.363	5.359	5.368	PH	-444	-2525	-0.17%	-0.004%
119	5.382	5.368	5.391	PH	-391	-6972	-0.47%	-0.012%
120	5.400	5.391	5.410	PH	-405	-5224	-0.35%	-0.009%
121	5.414	5.410	5.429	PH	-402	-5240	-0.36%	-0.009%
122	5.468	5.429	5.497	PH	-129	-13224	-0.90%	-0.023%
123	5.502	5.497	5.525	PH	-383	-7700	-0.52%	-0.013%
124	5.537	5.525	5.554	PH	-432	-7684	-0.52%	-0.013%
125	5.574	5.554	5.583	PH	-73	-4264	-0.29%	-0.007%
126	5.585	5.583	5.617	PH	-209	-7066	-0.48%	-0.012%
127	5.628	5.617	5.647	PH	-285	-6399	-0.43%	-0.011%
128	5.659	5.647	5.684	PH	-252	-8147	-0.55%	-0.014%
129	5.689	5.684	5.715	PH	-289	-7552	-0.51%	-0.013%
130	5.744	5.715	5.754	PH	-225	-8624	-0.59%	-0.015%
131	5.757	5.754	5.766	PH	-388	-2961	-0.20%	-0.005%
132	5.774	5.766	5.777	PH	-333	-2739	-0.19%	-0.005%
133	5.790	5.777	5.808	PH	-146	-5473	-0.37%	-0.010%
134	5.845	5.808	5.867	PH	562	-716	-0.05%	-0.001%
135	5.876	5.867	5.905	PH	-61	-4165	-0.28%	-0.007%
136	5.924	5.905	5.948	PH	-67	-6613	-0.45%	-0.012%
137	5.984	5.948	6.008	PH	191	-4581	-0.31%	-0.008%
138	6.011	6.008	6.031	PH	-206	-4134	-0.28%	-0.007%
139	6.048	6.031	6.061	PH	-160	-5561	-0.38%	-0.010%
140	6.064	6.061	6.113	PH	-197	-9329	-0.63%	-0.016%
141	6.115	6.113	6.126	PH	-270	-2726	-0.19%	-0.005%

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142	6.140	6.126	6.155	PH	-228	-4929	-0.33%	-0.009%
143	6.160	6.155	6.165	PH	-250	-1736	-0.12%	-0.003%
144	6.170	6.165	6.182	PH	-251	-3087	-0.21%	-0.005%
145	6.193	6.182	6.200	PH	-223	-2492	-0.17%	-0.004%
146	6.205	6.200	6.241	PH	-258	-7845	-0.53%	-0.014%
147	6.265	6.241	6.329	PH	790	-7885	-0.54%	-0.014%
148	6.340	6.329	6.343	PH	-372	-3411	-0.23%	-0.006%
149	6.353	6.343	6.358	PH	-275	-2987	-0.20%	-0.005%
150	6.389	6.358	6.396	PH	-218	-7572	-0.51%	-0.013%
151	6.412	6.396	6.433	PH	349	-1532	-0.10%	-0.003%
152	6.452	6.433	6.514	PH	-165	-16489	-1.12%	-0.029%
153	6.543	6.514	6.562	PH	-122	-8552	-0.58%	-0.015%
154	6.582	6.562	6.606	PH	-168	-7569	-0.51%	-0.013%
155	6.611	6.606	6.631	PH	-235	-5411	-0.37%	-0.009%
156	6.666	6.631	6.691	PH	-120	-11699	-0.79%	-0.021%
157	6.722	6.691	6.739	PH	-280	-10409	-0.71%	-0.018%
158	6.760	6.739	6.767	PH	-159	-4126	-0.28%	-0.007%
159	6.780	6.767	6.795	PH	-38	-2979	-0.20%	-0.005%
160	6.819	6.795	6.849	PH	46	-6261	-0.43%	-0.011%
161	6.865	6.849	6.879	PH	-22	-2122	-0.14%	-0.004%
162	6.895	6.879	6.919	PH	211	416	0.03%	0.001%
163	6.922	6.919	6.936	PH	80	-1036	-0.07%	-0.002%
164	6.941	6.936	6.944	PH	-258	-1337	-0.09%	-0.002%
165	6.961	6.944	6.994	PH	725	3023	0.21%	0.005%
166	6.999	6.994	7.006	PH	-248	-2074	-0.14%	-0.004%
167	7.024	7.006	7.046	PH	241	-743	-0.05%	-0.001%
168	7.067	7.046	7.077	PH	-85	-3152	-0.21%	-0.006%
169	7.082	7.077	7.091	PH	-193	-1995	-0.14%	-0.003%
170	7.094	7.091	7.108	PH	-155	-2700	-0.18%	-0.005%
171	7.111	7.108	7.122	PH	-272	-2525	-0.17%	-0.004%
172	7.145	7.122	7.150	PH	-139	-3730	-0.25%	-0.007%
173	7.184	7.150	7.211	PH	1767	13695	0.93%	0.024%
174	7.223	7.211	7.228	PH	-223	-2600	-0.18%	-0.005%
175	7.232	7.228	7.250	PH	-203	-3364	-0.23%	-0.006%
176	7.272	7.250	7.286	PH	-151	-4821	-0.33%	-0.008%
177	7.290	7.286	7.333	PH	-237	-7346	-0.50%	-0.013%
178	7.353	7.333	7.388	PH	268	-1742	-0.12%	-0.003%
179	7.408	7.388	7.423	PH	-177	-5068	-0.34%	-0.009%
180	7.464	7.423	7.484	PH	-100	-8510	-0.58%	-0.015%
181	7.519	7.484	7.538	PH	12	-4729	-0.32%	-0.008%
182	7.551	7.538	7.574	PH	-106	-4969	-0.34%	-0.009%
183	7.577	7.574	7.584	PH	-282	-1623	-0.11%	-0.003%
184	7.609	7.584	7.615	PH	79	-1970	-0.13%	-0.003%
185	7.634	7.615	7.650	PH	185	917	0.06%	0.002%
186	7.658	7.650	7.677	PH	90	-1106	-0.08%	-0.002%
187	7.703	7.677	7.730	PH	136	-3657	-0.25%	-0.006%
188	7.747	7.730	7.764	PH	371	1793	0.12%	0.003%
189	7.790	7.764	7.842	PH	346	2757	0.19%	0.005%
190	7.872	7.842	7.906	PH	1251	11085	0.75%	0.019%
191	7.913	7.906	7.928	PH	22	-440	-0.03%	-0.001%
192	7.931	7.928	7.941	PH	-39	-669	-0.05%	-0.001%
193	7.978	7.941	7.999	PH	642	7607	0.52%	0.013%
194	8.013	7.999	8.026	HH	396	4536	0.31%	0.008%

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195	8.050	8.026	8.084	HH	2907	31565	2.14%	0.055%
196	8.095	8.084	8.111	PH	139	449	0.03%	0.001%
197	8.164	8.111	8.185	PH	821	11369	0.77%	0.020%
198	8.201	8.185	8.223	HH	566	4893	0.33%	0.009%
199	8.233	8.223	8.244	PH	31	-490	-0.03%	-0.001%
200	8.266	8.244	8.276	PH	85	-213	-0.01%	-0.000%
201	8.289	8.276	8.317	PH	-5	-2146	-0.15%	-0.004%
202	8.328	8.317	8.362	PH	-27	-3525	-0.24%	-0.006%
203	8.370	8.362	8.387	PH	-151	-2937	-0.20%	-0.005%
204	8.402	8.387	8.417	PH	215	959	0.07%	0.002%
205	8.421	8.417	8.433	HH	55	189	0.01%	0.000%
206	8.453	8.433	8.485	PH	1894	23509	1.60%	0.041%
207	8.496	8.485	8.521	HH	533	7068	0.48%	0.012%
208	8.536	8.521	8.549	HH	425	5063	0.34%	0.009%
209	8.584	8.549	8.614	HH	1697	23020	1.56%	0.040%
210	8.635	8.614	8.650	PH	292	1997	0.14%	0.004%
211	8.657	8.650	8.677	HH	110	500	0.03%	0.001%
212	8.692	8.677	8.717	PH	363	3896	0.26%	0.007%
213	8.733	8.717	8.757	HH	850	10634	0.72%	0.019%
214	8.763	8.757	8.767	HH	306	1736	0.12%	0.003%
215	8.774	8.767	8.783	HH	383	2821	0.19%	0.005%
216	8.786	8.783	8.806	HH	345	3528	0.24%	0.006%
217	8.810	8.806	8.829	HH	260	2008	0.14%	0.004%
218	8.834	8.829	8.846	HH	118	937	0.06%	0.002%
219	8.867	8.846	8.889	HH	2848	31475	2.14%	0.055%
220	8.902	8.889	8.934	HH	468	4962	0.34%	0.009%
221	8.953	8.934	8.974	PH	150	116	0.01%	0.000%
222	8.986	8.974	8.991	PH	-27	-992	-0.07%	-0.002%
223	9.015	8.991	9.041	PH	274	2109	0.14%	0.004%
224	9.064	9.041	9.086	PH	194	1071	0.07%	0.002%
225	9.096	9.086	9.121	PH	159	600	0.04%	0.001%
226	9.153	9.121	9.189	PH	466	7138	0.48%	0.013%
227	9.239	9.189	9.275	PH	2202	33767	2.29%	0.059%
228	9.285	9.275	9.294	HH	331	3131	0.21%	0.005%
229	9.312	9.294	9.352	HH	750	13804	0.94%	0.024%
230	9.377	9.352	9.407	HH	484	10848	0.74%	0.019%
231	9.419	9.407	9.460	HH	439	7690	0.52%	0.013%
232	9.476	9.460	9.497	HH	507	5003	0.34%	0.009%
233	9.510	9.497	9.534	HH	186	1573	0.11%	0.003%
234	9.561	9.534	9.576	PH	574	7819	0.53%	0.014%
235	9.577	9.576	9.581	HH	403	1168	0.08%	0.002%
236	9.592	9.581	9.622	HH	476	7869	0.53%	0.014%
237	9.643	9.622	9.699	HH	2622	36908	2.51%	0.065%
238	9.715	9.699	9.731	HH	270	3359	0.23%	0.006%
239	9.752	9.731	9.783	HH	340	4910	0.33%	0.009%
240	9.811	9.783	9.840	PH	220	4246	0.29%	0.007%
241	9.844	9.840	9.851	PH	88	140	0.01%	0.000%
242	9.857	9.851	9.870	PH	67	153	0.01%	0.000%
243	9.877	9.870	9.886	PH	66	137	0.01%	0.000%
244	9.889	9.886	9.896	PH	55	-22	-0.00%	-0.000%
245	9.908	9.896	9.947	PH	147	1467	0.10%	0.003%
246	9.975	9.947	10.002	HH	496	9213	0.63%	0.016%

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247	10.028	10.002	10.054	HH	1430	22464	1.53%	0.039%
248	10.082	10.054	10.098	HH	495	9647	0.66%	0.017%
249	10.117	10.098	10.140	HH	721	12181	0.83%	0.021%
250	10.169	10.140	10.202	HH	686	15298	1.04%	0.027%
251	10.227	10.202	10.254	HH	544	10440	0.71%	0.018%
252	10.258	10.254	10.263	HH	477	2210	0.15%	0.004%
253	10.268	10.263	10.278	HH	429	3871	0.26%	0.007%
254	10.309	10.278	10.334	HH	713	19981	1.36%	0.035%
255	10.341	10.334	10.347	HH	579	4472	0.30%	0.008%
256	10.377	10.347	10.414	HH	2459	42829	2.91%	0.075%
257	10.448	10.414	10.474	HH	2614	47989	3.26%	0.084%
258	10.481	10.474	10.523	HH	707	15605	1.06%	0.027%
259	10.534	10.523	10.548	HH	441	5174	0.35%	0.009%
260	10.563	10.548	10.567	HH	418	4346	0.30%	0.008%
261	10.572	10.567	10.581	HH	434	2662	0.18%	0.005%
262	10.628	10.581	10.676	HH	18633	235931	16.02%	0.414%
263	10.713	10.676	10.751	HH	5855	105835	7.19%	0.186%
264	10.765	10.751	10.787	HH	898	16746	1.14%	0.029%
265	10.808	10.787	10.864	HH	1243	32891	2.23%	0.058%
266	10.883	10.864	10.916	HH	613	14093	0.96%	0.025%
267	10.920	10.916	10.922	HH	465	1655	0.11%	0.003%
268	10.948	10.922	10.993	HH	1125	33109	2.25%	0.058%
269	11.015	10.993	11.047	HH	824	21453	1.46%	0.038%
270	11.077	11.047	11.129	HH	2454	48633	3.30%	0.085%
271	11.134	11.129	11.137	HH	596	2885	0.20%	0.005%
272	11.163	11.137	11.192	HH	2060	40854	2.77%	0.072%
273	11.211	11.192	11.217	HH	895	10840	0.74%	0.019%
274	11.233	11.217	11.251	HH	1237	18827	1.28%	0.033%
275	11.268	11.251	11.296	HH	1358	25486	1.73%	0.045%
276	11.313	11.296	11.329	HH	695	12585	0.85%	0.022%
277	11.389	11.329	11.409	HH	1382	38732	2.63%	0.068%
278	11.431	11.409	11.447	HH	1919	29197	1.98%	0.051%
279	11.464	11.447	11.499	HH	2238	43349	2.94%	0.076%
280	11.542	11.499	11.566	HH	3015	62618	4.25%	0.110%
281	11.579	11.566	11.596	HH	1576	22856	1.55%	0.040%
282	11.611	11.596	11.661	HH	1641	40146	2.73%	0.070%
283	11.679	11.661	11.699	HH	842	15914	1.08%	0.028%
284	11.742	11.699	11.777	HH	2197	55701	3.78%	0.098%
285	11.801	11.777	11.808	HH	1219	18513	1.26%	0.032%
286	11.833	11.808	11.882	HH	2396	59664	4.05%	0.105%
287	11.905	11.882	11.949	HH	1479	40722	2.77%	0.071%
288	11.955	11.949	11.957	HH	927	4406	0.30%	0.008%
289	11.977	11.957	11.997	HH	1121	23230	1.58%	0.041%
290	12.014	11.997	12.068	HH	1733	56847	3.86%	0.100%
291	12.126	12.068	12.134	HH	1150	41992	2.85%	0.074%
292	12.153	12.134	12.187	HH	1240	34413	2.34%	0.060%
293	12.217	12.187	12.229	HH	1314	28370	1.93%	0.050%
294	12.235	12.229	12.262	HH	1165	20533	1.39%	0.036%
295	12.266	12.262	12.276	HH	995	7259	0.49%	0.013%
296	12.324	12.276	12.344	HH	2130	62333	4.23%	0.109%
297	12.382	12.344	12.414	HH	2820	71165	4.83%	0.125%
298	12.438	12.414	12.504	HH	24012	333038	22.62%	0.584%
299	12.524	12.504	12.549	HH	1436	33781	2.29%	0.059%

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300	12.606	12.549	12.616	HH	2113	60377	4.10%	0.106%
301	12.632	12.616	12.655	HH	2157	41204	2.80%	0.072%
302	12.661	12.655	12.676	HH	1554	18485	1.26%	0.032%
303	12.704	12.676	12.714	HH	2024	39259	2.67%	0.069%
304	12.735	12.714	12.776	HH	19313	266051	18.07%	0.466%
305	12.795	12.776	12.811	HH	3109	49741	3.38%	0.087%
306	12.831	12.811	12.859	HH	3993	77324	5.25%	0.136%
307	12.876	12.859	12.899	HH	1796	40457	2.75%	0.071%
308	12.922	12.899	12.949	HH	1926	50447	3.43%	0.088%
309	12.992	12.949	13.006	HH	2652	66088	4.49%	0.116%
310	13.021	13.006	13.052	HH	2532	65437	4.44%	0.115%
311	13.071	13.052	13.094	HH	3157	69771	4.74%	0.122%
312	13.108	13.094	13.130	HH	2802	55855	3.79%	0.098%
313	13.141	13.130	13.179	HH	2473	65450	4.44%	0.115%
314	13.204	13.179	13.226	HH	2715	66378	4.51%	0.116%
315	13.244	13.226	13.284	HH	2286	72546	4.93%	0.127%
316	13.331	13.284	13.374	HH	4285	155986	10.59%	0.273%
317	13.397	13.374	13.414	HH	2483	56341	3.83%	0.099%
318	13.436	13.414	13.454	HH	3880	71351	4.85%	0.125%
319	13.476	13.454	13.501	HH	3250	76797	5.21%	0.135%
320	13.510	13.501	13.544	HH	2640	62479	4.24%	0.110%
321	13.575	13.544	13.590	HH	3682	81999	5.57%	0.144%
322	13.601	13.590	13.627	HH	3291	63055	4.28%	0.111%
323	13.650	13.627	13.671	HH	2812	67627	4.59%	0.119%
324	13.682	13.671	13.700	HH	2255	38031	2.58%	0.067%
325	13.728	13.700	13.748	HH	2359	63322	4.30%	0.111%
326	13.771	13.748	13.791	HH	2546	61784	4.20%	0.108%
327	13.807	13.791	13.834	HH	2537	62294	4.23%	0.109%
328	13.838	13.834	13.851	HH	2357	23340	1.58%	0.041%
329	13.866	13.851	13.871	HH	2405	27488	1.87%	0.048%
330	13.876	13.871	13.888	HH	2350	22497	1.53%	0.039%
331	13.905	13.888	13.917	HH	2420	41570	2.82%	0.073%
332	13.934	13.917	13.939	HH	2571	31545	2.14%	0.055%
333	13.943	13.939	13.951	HH	2513	17071	1.16%	0.030%
334	13.966	13.951	13.979	HH	2562	43229	2.94%	0.076%
335	14.041	13.979	14.071	HH	85518	1119346	76.01%	1.962%
336	14.076	14.071	14.109	HH	3341	68629	4.66%	0.120%
337	14.134	14.109	14.154	HH	3956	89231	6.06%	0.156%
338	14.157	14.154	14.177	HH	3359	43959	2.99%	0.077%
339	14.199	14.177	14.224	HH	6526	125997	8.56%	0.221%
340	14.244	14.224	14.274	HH	4172	104939	7.13%	0.184%
341	14.302	14.274	14.335	HH	4591	133206	9.05%	0.234%
342	14.364	14.335	14.379	HH	3600	88398	6.00%	0.155%
343	14.392	14.379	14.416	HH	3475	72972	4.96%	0.128%
344	14.419	14.416	14.439	HH	3385	44368	3.01%	0.078%
345	14.471	14.439	14.508	HH	12549	262164	17.80%	0.460%
346	14.514	14.508	14.545	HH	3471	73012	4.96%	0.128%
347	14.582	14.545	14.588	HH	3834	88849	6.03%	0.156%
348	14.612	14.588	14.631	HH	11534	191868	13.03%	0.336%
349	14.652	14.631	14.694	HH	12407	273894	18.60%	0.480%
350	14.718	14.694	14.744	HH	4351	117743	8.00%	0.206%
351	14.772	14.744	14.792	HH	5476	127118	8.63%	0.223%

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352	14.810	14.792	14.839	HH	4195	111950	7.60%	0.196%
353	14.864	14.839	14.894	HH	6469	157564	10.70%	0.276%
354	14.941	14.894	14.946	HH	4425	126554	8.59%	0.222%
355	14.955	14.946	14.992	HH	4481	116819	7.93%	0.205%
356	15.003	14.992	15.022	HH	4183	73651	5.00%	0.129%
357	15.031	15.022	15.037	HH	3960	32767	2.23%	0.057%
358	15.097	15.037	15.161	HH	6369	372582	25.30%	0.653%
359	15.191	15.161	15.229	HH	6131	213475	14.50%	0.374%
360	15.250	15.229	15.269	HH	5178	118108	8.02%	0.207%
361	15.288	15.269	15.309	HH	5975	126574	8.60%	0.222%
362	15.323	15.309	15.356	HH	5171	132611	9.01%	0.232%
363	15.372	15.356	15.385	HH	4950	83296	5.66%	0.146%
364	15.392	15.385	15.406	HH	4804	60574	4.11%	0.106%
365	15.445	15.406	15.477	HH	5707	219590	14.91%	0.385%
366	15.512	15.477	15.545	HH	5322	204564	13.89%	0.359%
367	15.553	15.545	15.559	HH	4890	40746	2.77%	0.071%
368	15.574	15.559	15.581	HH	5156	66338	4.50%	0.116%
369	15.583	15.581	15.591	HH	5209	30117	2.05%	0.053%
370	15.607	15.591	15.637	HH	5398	146967	9.98%	0.258%
371	15.641	15.637	15.649	HH	5144	36098	2.45%	0.063%
372	15.654	15.649	15.662	HH	5132	39937	2.71%	0.070%
373	15.692	15.662	15.714	HH	6991	186801	12.68%	0.327%
374	15.725	15.714	15.737	HH	5776	76712	5.21%	0.134%
375	15.754	15.737	15.771	HH	5707	112521	7.64%	0.197%
376	15.785	15.771	15.796	HH	5504	81580	5.54%	0.143%
377	15.881	15.796	15.911	HH	6325	395411	26.85%	0.693%
378	15.922	15.911	15.944	HH	6282	121604	8.26%	0.213%
379	15.972	15.944	16.003	HH	6574	226866	15.41%	0.398%
380	16.045	16.003	16.060	HH	7763	240292	16.32%	0.421%
381	16.076	16.060	16.099	HH	7299	164205	11.15%	0.288%
382	16.170	16.099	16.244	HH	20345	859464	58.36%	1.507%
383	16.285	16.244	16.289	HH	9645	223921	15.21%	0.393%
384	16.311	16.289	16.353	HH	11922	379515	25.77%	0.665%
385	16.369	16.353	16.378	HH	8065	120804	8.20%	0.212%
386	16.400	16.378	16.405	HH	10063	147264	10.00%	0.258%
387	16.424	16.405	16.439	HH	11482	216605	14.71%	0.380%
388	16.456	16.439	16.473	HH	11989	219306	14.89%	0.384%
389	16.489	16.473	16.510	HH	13721	250656	17.02%	0.439%
390	16.548	16.510	16.584	HH	18546	590578	40.10%	1.035%
391	16.600	16.584	16.618	HH	10410	196794	13.36%	0.345%
392	16.646	16.618	16.665	HH	15786	351440	23.86%	0.616%
393	16.683	16.665	16.709	HH	14497	307444	20.88%	0.539%
394	16.716	16.709	16.741	HH	8639	159974	10.86%	0.280%
395	16.765	16.741	16.790	HH	11523	296256	20.12%	0.519%
396	16.809	16.790	16.837	HH	10440	272390	18.50%	0.478%
397	16.885	16.837	16.904	HH	10290	375299	25.49%	0.658%
398	16.928	16.904	16.932	HH	9698	162355	11.02%	0.285%
399	16.945	16.932	16.982	HH	9743	283750	19.27%	0.497%
400	17.016	16.982	17.021	HH	9798	216361	14.69%	0.379%
401	17.038	17.021	17.059	HH	10147	228049	15.49%	0.400%
402	17.085	17.059	17.131	HH	12889	461846	31.36%	0.810%
403	17.146	17.131	17.156	HH	9976	151671	10.30%	0.266%
404	17.184	17.156	17.197	HH	10409	247426	16.80%	0.434%

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405	17.207	17.197	17.231	HH	10481	204332	13.88%	0.358%
406	17.255	17.231	17.282	HH	10305	309480	21.02%	0.543%
407	17.288	17.282	17.299	HH	9881	103696	7.04%	0.182%
408	17.305	17.299	17.307	HH	9903	44892	3.05%	0.079%
409	17.312	17.307	17.319	HH	10105	73022	4.96%	0.128%
410	17.355	17.319	17.365	HH	10334	276470	18.77%	0.485%
411	17.369	17.365	17.387	HH	10177	137495	9.34%	0.241%
412	17.419	17.387	17.429	HH	10729	262868	17.85%	0.461%
413	17.448	17.429	17.457	HH	10719	180619	12.27%	0.317%
414	17.461	17.457	17.466	HH	10764	56057	3.81%	0.098%
415	17.519	17.466	17.549	HH	15668	611242	41.51%	1.072%
416	17.556	17.549	17.584	HH	11288	231705	15.73%	0.406%
417	17.615	17.584	17.621	HH	11780	250706	17.02%	0.440%
418	17.650	17.621	17.671	HH	13457	376533	25.57%	0.660%
419	17.687	17.671	17.709	HH	12207	276642	18.79%	0.485%
420	17.718	17.709	17.727	HH	11951	127790	8.68%	0.224%
421	17.746	17.727	17.762	HH	12411	257288	17.47%	0.451%
422	17.797	17.762	17.811	HH	12205	350839	23.82%	0.615%
423	17.831	17.811	17.848	HH	14053	296370	20.13%	0.520%
424	17.862	17.848	17.879	HH	13520	239670	16.28%	0.420%
425	17.935	17.879	17.989	HH	19780	1014141	68.87%	1.778%
426	18.016	17.989	18.040	HH	14814	424275	28.81%	0.744%
427	18.056	18.040	18.072	HH	14431	272814	18.53%	0.478%
428	18.087	18.072	18.119	HH	14247	383597	26.05%	0.672%
429	18.128	18.119	18.152	HH	13624	271587	18.44%	0.476%
430	18.175	18.152	18.208	HH	18288	512359	34.79%	0.898%
431	18.213	18.208	18.232	HH	14268	202956	13.78%	0.356%
432	18.257	18.232	18.267	HH	14188	298546	20.27%	0.523%
433	18.270	18.267	18.279	HH	14118	94828	6.44%	0.166%
434	18.319	18.279	18.324	HH	16137	406436	27.60%	0.713%
435	18.348	18.324	18.396	HH	19348	701819	47.66%	1.230%
436	18.442	18.396	18.467	HH	16445	651991	44.27%	1.143%
437	18.486	18.467	18.539	HH	16410	678918	46.10%	1.190%
438	18.561	18.539	18.567	HH	15713	262115	17.80%	0.460%
439	18.588	18.567	18.592	HH	16015	237637	16.14%	0.417%
440	18.615	18.592	18.640	HH	16699	469418	31.88%	0.823%
441	18.657	18.640	18.669	HH	16467	278515	18.91%	0.488%
442	18.698	18.669	18.714	HH	17064	457234	31.05%	0.802%
443	18.746	18.714	18.799	HH	21154	945841	64.23%	1.658%
444	18.808	18.799	18.816	HH	17292	168986	11.48%	0.296%
445	18.834	18.816	18.849	HH	17915	352301	23.92%	0.618%
446	18.865	18.849	18.883	HH	18111	360567	24.48%	0.632%
447	18.887	18.883	18.896	HH	17789	142151	9.65%	0.249%
448	18.915	18.896	18.930	HH	18108	364604	24.76%	0.639%
449	18.942	18.930	18.961	HH	18074	327576	22.24%	0.574%
450	18.990	18.961	19.013	HH	18413	570836	38.76%	1.001%
451	19.039	19.013	19.057	HH	18815	483745	32.85%	0.848%
452	19.131	19.057	19.166	HH	22763	1293555	87.84%	2.268%
453	19.171	19.166	19.177	HH	19833	141099	9.58%	0.247%
454	19.183	19.177	19.211	HH	19982	395213	26.84%	0.693%
455	19.245	19.211	19.275	HH	20685	785306	53.33%	1.377%
456	19.292	19.275	19.296	HH	20761	260032	17.66%	0.456%

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457	19.335	19.296	19.368	HH	22569	929359	63.11%	1.629%
458	19.410	19.368	19.438	HH	23519	934659	63.47%	1.639%
459	19.467	19.438	19.481	HH	23716	582774	39.57%	1.022%
460	19.504	19.481	19.531	HH	25604	724344	49.19%	1.270%
461	19.542	19.531	19.574	HH	23854	608131	41.30%	1.066%
462	19.584	19.574	19.589	HH	23082	207562	14.09%	0.364%
463	19.651	19.589	19.668	HH	24307	1127107	76.54%	1.976%
464	19.717	19.668	19.744	HH	26716	1139949	77.41%	1.998%
465	19.792	19.744	19.807	HH	26142	983963	66.82%	1.725%
466	19.831	19.807	19.835	HH	26141	431781	29.32%	0.757%
467	19.865	19.835	19.891	HH	28991	914424	62.10%	1.603%
468	19.924	19.891	19.952	HH	27639	1006734	68.36%	1.765%
469	19.976	19.952	19.982	HH	27747	495606	33.65%	0.869%
470	19.990	19.982	19.996	HH	27944	222889	15.14%	0.391%
471	20.026	19.996	20.032	HH	28492	619800	42.09%	1.087%
472	20.068	20.032	20.081	HH	29258	834824	56.69%	1.464%
473	20.100	20.081	20.109	HH	29445	495592	33.65%	0.869%
474	20.169	20.109	20.174	HH	29993	1155811	78.49%	2.026%
475	20.221	20.174	20.241	HH	32450	1244510	84.51%	2.182%
476	20.262	20.241	20.268	HH	31584	511230	34.72%	0.896%
477	20.336	20.268	20.344	HH	33032	1472620	100.00%	2.582%
478	20.375	20.344	20.398	HH	34024	1079018	73.27%	1.892%
479	20.420	20.398	20.428	HH	34037	614817	41.75%	1.078%
480	20.436	20.428	20.444	HH	34073	319172	21.67%	0.560%
481	20.449	20.444	20.459	HH	34243	313685	21.30%	0.550%
482	20.465	20.459	20.468	HH	34045	175874	11.94%	0.308%
483	20.480	20.468	20.487	HH	34165	402277	27.32%	0.705%
484	20.499	20.487	20.504	HH	34332	344700	23.41%	0.604%
485	20.511	20.504	20.537	HH	34452	679255	46.13%	1.191%

Sum of corrected areas: 57041128

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