

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009429.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2022 18:36
 Sample : N1970-15 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.236	2.218	2.249	PH	152	766	0.03%	0.001%
2	2.261	2.249	2.265	PH	45	74	0.00%	0.000%
3	2.277	2.265	2.297	PH	103	791	0.03%	0.001%
4	2.300	2.297	2.308	PH	62	-27	-0.00%	-0.000%
5	2.320	2.308	2.329	PH	2	-458	-0.02%	-0.000%
6	2.341	2.329	2.350	PH	49	-501	-0.02%	-0.000%
7	2.372	2.350	2.388	PH	96	713	0.02%	0.001%
8	2.402	2.388	2.423	PH	160	1213	0.04%	0.001%
9	2.426	2.423	2.436	HH	44	136	0.00%	0.000%
10	2.439	2.436	2.443	PH	36	-0	-0.00%	-0.000%
11	2.463	2.443	2.488	PH	180	1297	0.05%	0.001%
12	2.509	2.488	2.536	PH	490	4288	0.15%	0.004%
13	2.557	2.536	2.566	PH	63	194	0.01%	0.000%
14	2.589	2.566	2.600	PH	99	977	0.03%	0.001%
15	2.605	2.600	2.610	HH	80	255	0.01%	0.000%
16	2.634	2.610	2.662	PH	59	650	0.02%	0.001%
17	2.667	2.662	2.672	PH	-5	-202	-0.01%	-0.000%
18	2.689	2.672	2.708	PH	347	2082	0.07%	0.002%
19	2.714	2.708	2.727	PH	-35	-644	-0.02%	-0.001%
20	2.733	2.727	2.737	PH	-52	-509	-0.02%	-0.000%
21	2.745	2.737	2.750	PH	7	-567	-0.02%	-0.000%
22	2.781	2.750	2.819	PH	304	1360	0.05%	0.001%
23	2.824	2.819	2.829	PH	-93	-701	-0.02%	-0.001%
24	2.839	2.829	2.860	PH	-7	-1712	-0.06%	-0.001%
25	2.871	2.860	2.881	PH	-29	-1259	-0.04%	-0.001%
26	2.901	2.881	2.908	PH	-46	-1516	-0.05%	-0.001%
27	2.917	2.908	2.922	PH	-49	-757	-0.03%	-0.001%
28	2.939	2.922	2.945	PH	91	-203	-0.01%	-0.000%
29	2.959	2.945	2.995	HH	253	1700	0.06%	0.001%
30	3.002	2.995	3.024	PH	68	-346	-0.01%	-0.000%
31	3.036	3.024	3.062	PH	118	-197	-0.01%	-0.000%
32	3.071	3.062	3.088	PH	-59	-1588	-0.06%	-0.001%
33	3.099	3.088	3.104	PH	-98	-1172	-0.04%	-0.001%
34	3.109	3.104	3.121	PH	-105	-1311	-0.05%	-0.001%
35	3.138	3.121	3.165	PH	-61	-2695	-0.09%	-0.002%
36	3.183	3.165	3.220	PH	-56	-3413	-0.12%	-0.003%

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37	3.224	3.220	3.232	PH	-99	-894	-0.03%	-0.001%
38	3.236	3.232	3.241	PH	-113	-767	-0.03%	-0.001%
39	3.259	3.241	3.267	PH	-12	-1267	-0.04%	-0.001%
40	3.276	3.267	3.285	PH	-63	-970	-0.03%	-0.001%
41	3.299	3.285	3.331	PH	111	-1326	-0.05%	-0.001%
42	3.335	3.331	3.340	PH	-115	-746	-0.03%	-0.001%
43	3.348	3.340	3.383	PH	-68	-2962	-0.10%	-0.003%
44	3.392	3.383	3.396	PH	-120	-1126	-0.04%	-0.001%
45	3.400	3.396	3.404	PH	-84	-661	-0.02%	-0.001%
46	3.408	3.404	3.413	PH	-90	-771	-0.03%	-0.001%
47	3.424	3.413	3.432	PH	-107	-1672	-0.06%	-0.001%
48	3.439	3.432	3.444	PH	-68	-910	-0.03%	-0.001%
49	3.447	3.444	3.471	PH	-85	-2504	-0.09%	-0.002%
50	3.479	3.471	3.483	PH	-164	-1318	-0.05%	-0.001%
51	3.489	3.483	3.494	PH	-140	-1223	-0.04%	-0.001%
52	3.499	3.494	3.514	PH	-141	-2091	-0.07%	-0.002%
53	3.555	3.514	3.577	PH	346	201	0.01%	0.000%
54	3.582	3.577	3.608	PH	-68	-2904	-0.10%	-0.003%
55	3.630	3.608	3.648	PH	2	-2682	-0.09%	-0.002%
56	3.673	3.648	3.682	PH	-85	-2843	-0.10%	-0.002%
57	3.687	3.682	3.700	PH	-86	-1214	-0.04%	-0.001%
58	3.707	3.700	3.712	PH	-100	-984	-0.03%	-0.001%
59	3.725	3.712	3.730	PH	-119	-1559	-0.05%	-0.001%
60	3.746	3.730	3.790	PH	-52	-5146	-0.18%	-0.005%
61	3.797	3.790	3.817	PH	-121	-2877	-0.10%	-0.003%
62	3.837	3.817	3.862	PH	-103	-4286	-0.15%	-0.004%
63	3.868	3.862	3.875	PH	-158	-1498	-0.05%	-0.001%
64	3.898	3.875	3.902	PH	-191	-3494	-0.12%	-0.003%
65	3.927	3.902	3.932	PH	57	-1146	-0.04%	-0.001%
66	3.936	3.932	3.943	HH	64	302	0.01%	0.000%
67	3.948	3.943	3.987	HH	48	-1181	-0.04%	-0.001%
68	4.004	3.987	4.015	PH	-68	-2025	-0.07%	-0.002%
69	4.021	4.015	4.048	PH	-69	-3025	-0.11%	-0.003%
70	4.069	4.048	4.080	PH	-32	-1935	-0.07%	-0.002%
71	4.095	4.080	4.104	PH	19	-286	-0.01%	-0.000%
72	4.123	4.104	4.157	PH	111	-1158	-0.04%	-0.001%
73	4.161	4.157	4.177	PH	-100	-1787	-0.06%	-0.002%
74	4.183	4.177	4.200	PH	-153	-2439	-0.08%	-0.002%
75	4.204	4.200	4.217	PH	-153	-1898	-0.07%	-0.002%
76	4.237	4.217	4.251	PH	-112	-3731	-0.13%	-0.003%
77	4.255	4.251	4.261	PH	-171	-1141	-0.04%	-0.001%
78	4.281	4.261	4.297	PH	-130	-3719	-0.13%	-0.003%
79	4.304	4.297	4.315	PH	-149	-1952	-0.07%	-0.002%
80	4.330	4.315	4.347	PH	51	-1248	-0.04%	-0.001%
81	4.352	4.347	4.357	PH	-144	-927	-0.03%	-0.001%
82	4.369	4.357	4.387	PH	-14	-1983	-0.07%	-0.002%
83	4.399	4.387	4.417	PH	-56	-2126	-0.07%	-0.002%
84	4.434	4.417	4.460	PH	-9	-3123	-0.11%	-0.003%
85	4.477	4.460	4.505	PH	388	670	0.02%	0.001%
86	4.508	4.505	4.518	PH	-128	-1246	-0.04%	-0.001%
87	4.540	4.518	4.575	PH	465	2308	0.08%	0.002%
88	4.579	4.575	4.584	PH	-87	-804	-0.03%	-0.001%
89	4.590	4.584	4.604	PH	-127	-1857	-0.06%	-0.002%

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90	4.613	4.604	4.643	PH	-76	-3628	-0.13%	-0.003%
91	4.664	4.643	4.684	PH	-85	-3821	-0.13%	-0.003%
92	4.715	4.684	4.729	PH	-116	-4659	-0.16%	-0.004%
93	4.746	4.729	4.770	PH	-152	-5067	-0.18%	-0.004%
94	4.775	4.770	4.780	PH	-191	-1142	-0.04%	-0.001%
95	4.794	4.780	4.801	PH	-114	-2158	-0.08%	-0.002%
96	4.807	4.801	4.819	PH	-186	-2228	-0.08%	-0.002%
97	4.829	4.819	4.834	PH	-156	-1854	-0.06%	-0.002%
98	4.838	4.834	4.845	PH	-170	-1375	-0.05%	-0.001%
99	4.851	4.845	4.874	PH	-217	-4413	-0.15%	-0.004%
100	4.893	4.874	4.906	PH	-138	-3731	-0.13%	-0.003%
101	4.910	4.906	4.913	PH	-175	-854	-0.03%	-0.001%
102	4.916	4.913	4.935	PH	-189	-2936	-0.10%	-0.003%
103	4.955	4.935	4.965	PH	-168	-4163	-0.14%	-0.004%
104	4.978	4.965	4.997	PH	-185	-4585	-0.16%	-0.004%
105	5.022	4.997	5.037	PH	-144	-5344	-0.19%	-0.005%
106	5.049	5.037	5.058	PH	-194	-3126	-0.11%	-0.003%
107	5.075	5.058	5.090	PH	-137	-4141	-0.14%	-0.004%
108	5.099	5.090	5.121	PH	-219	-5050	-0.18%	-0.004%
109	5.138	5.121	5.143	PH	-209	-3589	-0.12%	-0.003%
110	5.147	5.143	5.153	PH	-267	-1710	-0.06%	-0.001%
111	5.159	5.153	5.172	PH	-250	-3311	-0.12%	-0.003%
112	5.189	5.172	5.221	PH	85	-4591	-0.16%	-0.004%
113	5.227	5.221	5.245	PH	-231	-3934	-0.14%	-0.003%
114	5.258	5.245	5.270	PH	-206	-3862	-0.13%	-0.003%
115	5.276	5.270	5.299	PH	-270	-5988	-0.21%	-0.005%
116	5.324	5.299	5.350	PH	-274	-10126	-0.35%	-0.009%
117	5.372	5.350	5.411	PH	-46	-6786	-0.24%	-0.006%
118	5.424	5.411	5.452	PH	1	-3807	-0.13%	-0.003%
119	5.473	5.452	5.500	PH	-129	-6067	-0.21%	-0.005%
120	5.503	5.500	5.519	PH	-281	-4047	-0.14%	-0.004%
121	5.528	5.519	5.533	PH	-347	-3091	-0.11%	-0.003%
122	5.554	5.533	5.581	PH	-124	-7792	-0.27%	-0.007%
123	5.586	5.581	5.590	PH	-310	-1814	-0.06%	-0.002%
124	5.603	5.590	5.609	PH	-225	-3046	-0.11%	-0.003%
125	5.630	5.609	5.635	PH	-192	-3789	-0.13%	-0.003%
126	5.638	5.635	5.641	PH	-194	-836	-0.03%	-0.001%
127	5.653	5.641	5.658	PH	-99	-1515	-0.05%	-0.001%
128	5.669	5.658	5.689	PH	-103	-3168	-0.11%	-0.003%
129	5.704	5.689	5.719	PH	-228	-5161	-0.18%	-0.005%
130	5.738	5.719	5.755	PH	-262	-6582	-0.23%	-0.006%
131	5.765	5.755	5.775	PH	-253	-3330	-0.12%	-0.003%
132	5.797	5.775	5.822	PH	-147	-5659	-0.20%	-0.005%
133	5.826	5.822	5.842	PH	-151	-2847	-0.10%	-0.002%
134	5.859	5.842	5.870	PH	-187	-3872	-0.13%	-0.003%
135	5.883	5.870	5.892	PH	-180	-2934	-0.10%	-0.003%
136	5.917	5.892	5.948	PH	2953	24285	0.84%	0.021%
137	5.954	5.948	5.959	PH	-164	-1248	-0.04%	-0.001%
138	5.966	5.959	6.007	PH	-137	-7881	-0.27%	-0.007%
139	6.014	6.007	6.038	PH	-231	-5066	-0.18%	-0.004%
140	6.043	6.038	6.046	PH	-256	-1608	-0.06%	-0.001%
141	6.076	6.046	6.124	PH	-79	-10449	-0.36%	-0.009%

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142	6.137	6.124	6.143	PH	-223	-3218	-0.11%	-0.003%
143	6.154	6.143	6.173	PH	-229	-5486	-0.19%	-0.005%
144	6.195	6.173	6.228	PH	14	-6918	-0.24%	-0.006%
145	6.231	6.228	6.237	PH	-320	-1894	-0.07%	-0.002%
146	6.272	6.237	6.291	PH	-245	-10214	-0.36%	-0.009%
147	6.302	6.291	6.333	PH	-263	-8220	-0.29%	-0.007%
148	6.355	6.333	6.394	PH	24	-9115	-0.32%	-0.008%
149	6.399	6.394	6.423	PH	-347	-7084	-0.25%	-0.006%
150	6.434	6.423	6.452	PH	-332	-6169	-0.21%	-0.005%
151	6.456	6.452	6.460	PH	-381	-1930	-0.07%	-0.002%
152	6.474	6.460	6.485	PH	-313	-5403	-0.19%	-0.005%
153	6.504	6.485	6.526	PH	-222	-8283	-0.29%	-0.007%
154	6.551	6.526	6.566	PH	-234	-8438	-0.29%	-0.007%
155	6.578	6.566	6.591	PH	-375	-6074	-0.21%	-0.005%
156	6.601	6.591	6.607	PH	-406	-4193	-0.15%	-0.004%
157	6.611	6.607	6.616	PH	-411	-2404	-0.08%	-0.002%
158	6.633	6.616	6.650	PH	-319	-7678	-0.27%	-0.007%
159	6.673	6.650	6.689	PH	-179	-6786	-0.24%	-0.006%
160	6.693	6.689	6.696	PH	-282	-1219	-0.04%	-0.001%
161	6.699	6.696	6.715	PH	-265	-3926	-0.14%	-0.003%
162	6.737	6.715	6.741	PH	-332	-5691	-0.20%	-0.005%
163	6.752	6.741	6.777	PH	-237	-6974	-0.24%	-0.006%
164	6.790	6.777	6.804	PH	-316	-5816	-0.20%	-0.005%
165	6.824	6.804	6.835	PH	38	-2649	-0.09%	-0.002%
166	6.839	6.835	6.867	PH	-68	-2782	-0.10%	-0.002%
167	6.880	6.867	6.899	PH	-144	-4693	-0.16%	-0.004%
168	6.913	6.899	6.941	PH	-211	-8455	-0.29%	-0.007%
169	6.975	6.941	7.001	PH	913	1057	0.04%	0.001%
170	7.022	7.001	7.028	PH	-240	-4973	-0.17%	-0.004%
171	7.031	7.028	7.048	PH	-188	-3545	-0.12%	-0.003%
172	7.064	7.048	7.089	PH	-117	-6604	-0.23%	-0.006%
173	7.110	7.089	7.138	PH	3113	24493	0.85%	0.021%
174	7.156	7.138	7.216	PH	-185	-14914	-0.52%	-0.013%
175	7.236	7.216	7.256	PH	-337	-8859	-0.31%	-0.008%
176	7.284	7.256	7.321	PH	411	-6220	-0.22%	-0.005%
177	7.340	7.321	7.345	PH	-337	-5474	-0.19%	-0.005%
178	7.350	7.345	7.391	PH	-331	-10997	-0.38%	-0.010%
179	7.395	7.391	7.399	PH	-422	-2194	-0.08%	-0.002%
180	7.413	7.399	7.443	PH	-400	-11581	-0.40%	-0.010%
181	7.455	7.443	7.487	PH	-309	-11311	-0.39%	-0.010%
182	7.505	7.487	7.526	PH	-402	-10975	-0.38%	-0.010%
183	7.544	7.526	7.551	PH	-445	-7130	-0.25%	-0.006%
184	7.559	7.551	7.577	PH	-387	-6637	-0.23%	-0.006%
185	7.582	7.577	7.596	PH	-431	-5197	-0.18%	-0.005%
186	7.618	7.596	7.633	PH	-315	-8844	-0.31%	-0.008%
187	7.642	7.633	7.666	PH	-353	-7891	-0.27%	-0.007%
188	7.671	7.666	7.675	PH	-377	-2394	-0.08%	-0.002%
189	7.703	7.675	7.723	PH	190	-3785	-0.13%	-0.003%
190	7.740	7.723	7.758	PH	-218	-5797	-0.20%	-0.005%
191	7.767	7.758	7.778	PH	-236	-3804	-0.13%	-0.003%
192	7.783	7.778	7.791	PH	-367	-2903	-0.10%	-0.003%
193	7.804	7.791	7.827	PH	-204	-7259	-0.25%	-0.006%
194	7.859	7.827	7.891	PH	1082	4526	0.16%	0.004%

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195	7.905	7.891	7.910	PH	-181	-2925	-0.10%	-0.003%
196	7.913	7.910	7.919	PH	-215	-1295	-0.05%	-0.001%
197	7.956	7.919	7.962	PH	1639	11321	0.39%	0.010%
198	7.971	7.962	8.010	HH	1701	12958	0.45%	0.011%
199	8.073	8.010	8.090	PH	4536	43154	1.50%	0.038%
200	8.102	8.090	8.119	HH	1530	14748	0.51%	0.013%
201	8.130	8.119	8.141	HH	328	3137	0.11%	0.003%
202	8.157	8.141	8.181	HH	824	6451	0.22%	0.006%
203	8.191	8.181	8.197	PH	-173	-1817	-0.06%	-0.002%
204	8.200	8.197	8.206	PH	-195	-1438	-0.05%	-0.001%
205	8.256	8.206	8.301	PH	14461	178423	6.21%	0.156%
206	8.313	8.301	8.330	PH	28	-1378	-0.05%	-0.001%
207	8.348	8.330	8.376	PH	1148	6348	0.22%	0.006%
208	8.395	8.376	8.428	PH	108	-6347	-0.22%	-0.006%
209	8.433	8.428	8.438	PH	-310	-2116	-0.07%	-0.002%
210	8.443	8.438	8.466	PH	-337	-6748	-0.23%	-0.006%
211	8.477	8.466	8.482	PH	-389	-4048	-0.14%	-0.004%
212	8.511	8.482	8.528	PH	-28	-4847	-0.17%	-0.004%
213	8.553	8.528	8.580	PH	12695	125387	4.36%	0.110%
214	8.602	8.580	8.643	PH	1073	7289	0.25%	0.006%
215	8.673	8.643	8.686	PH	544	2450	0.09%	0.002%
216	8.694	8.686	8.715	PH	155	-94	-0.00%	-0.000%
217	8.718	8.715	8.733	PH	-77	-1798	-0.06%	-0.002%
218	8.747	8.733	8.760	PH	-113	-3039	-0.11%	-0.003%
219	8.796	8.760	8.809	PH	3274	33742	1.17%	0.030%
220	8.826	8.809	8.854	HH	10563	109082	3.79%	0.095%
221	8.867	8.854	8.882	PH	300	1749	0.06%	0.002%
222	8.896	8.882	8.907	PH	214	1725	0.06%	0.002%
223	8.920	8.907	8.943	HH	402	2548	0.09%	0.002%
224	8.967	8.943	8.991	PH	1376	18133	0.63%	0.016%
225	9.006	8.991	9.053	HH	1766	15563	0.54%	0.014%
226	9.064	9.053	9.093	PH	-112	-5920	-0.21%	-0.005%
227	9.122	9.093	9.138	PH	1575	12847	0.45%	0.011%
228	9.153	9.138	9.181	PH	1222	8711	0.30%	0.008%
229	9.203	9.181	9.222	PH	535	2141	0.07%	0.002%
230	9.258	9.222	9.278	PH	1591	15793	0.55%	0.014%
231	9.300	9.278	9.314	PH	703	6252	0.22%	0.005%
232	9.338	9.314	9.392	HH	25576	278861	9.70%	0.244%
233	9.419	9.392	9.436	PH	1865	19572	0.68%	0.017%
234	9.460	9.436	9.471	HH	1836	23373	0.81%	0.020%
235	9.489	9.471	9.508	HH	4401	57700	2.01%	0.050%
236	9.520	9.508	9.533	HH	1426	15290	0.53%	0.013%
237	9.550	9.533	9.573	HH	2765	30542	1.06%	0.027%
238	9.600	9.573	9.625	PH	602	6024	0.21%	0.005%
239	9.628	9.625	9.632	PH	-59	-304	-0.01%	-0.000%
240	9.663	9.632	9.705	PH	4403	59186	2.06%	0.052%
241	9.716	9.705	9.733	HH	489	5686	0.20%	0.005%
242	9.762	9.733	9.805	HH	6147	84208	2.93%	0.074%
243	9.824	9.805	9.843	PH	896	8450	0.29%	0.007%
244	9.861	9.843	9.889	PH	392	2869	0.10%	0.003%
245	9.905	9.889	9.915	PH	53	-227	-0.01%	-0.000%
246	9.933	9.915	9.984	HH	493	2991	0.10%	0.003%

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247	10.028	9.984	10.048	PH	316	-2159	-0.08%	-0.002%
248	10.088	10.048	10.101	PH	534	5684	0.20%	0.005%
249	10.115	10.101	10.127	HH	426	4274	0.15%	0.004%
250	10.143	10.127	10.174	HH	509	9457	0.33%	0.008%
251	10.223	10.174	10.246	HH	6080	94365	3.28%	0.083%
252	10.263	10.246	10.288	HH	3228	38029	1.32%	0.033%
253	10.294	10.288	10.301	HH	220	1552	0.05%	0.001%
254	10.341	10.301	10.373	HH	4096	69521	2.42%	0.061%
255	10.391	10.373	10.448	HH	2558	51126	1.78%	0.045%
256	10.478	10.448	10.490	HH	1133	20620	0.72%	0.018%
257	10.512	10.490	10.523	HH	3401	45966	1.60%	0.040%
258	10.546	10.523	10.566	HH	9862	139865	4.87%	0.122%
259	10.575	10.566	10.597	HH	2304	27670	0.96%	0.024%
260	10.619	10.597	10.626	HH	927	14155	0.49%	0.012%
261	10.644	10.626	10.663	HH	1894	26111	0.91%	0.023%
262	10.685	10.663	10.694	HH	809	12869	0.45%	0.011%
263	10.710	10.694	10.717	HH	2168	21161	0.74%	0.019%
264	10.744	10.717	10.790	HH	158201	1786711	62.16%	1.564%
265	10.817	10.790	10.864	HH	31476	384782	13.39%	0.337%
266	10.893	10.864	10.910	HH	1028	22472	0.78%	0.020%
267	10.924	10.910	10.946	HH	969	17168	0.60%	0.015%
268	10.960	10.946	10.976	HH	899	13784	0.48%	0.012%
269	10.989	10.976	11.006	HH	896	13343	0.46%	0.012%
270	11.034	11.006	11.077	HH	8799	128926	4.49%	0.113%
271	11.102	11.077	11.122	HH	1280	25208	0.88%	0.022%
272	11.142	11.122	11.164	HH	1686	32092	1.12%	0.028%
273	11.174	11.164	11.191	HH	1365	18911	0.66%	0.017%
274	11.210	11.191	11.224	HH	1732	27839	0.97%	0.024%
275	11.238	11.224	11.244	HH	1728	19567	0.68%	0.017%
276	11.269	11.244	11.280	HH	4559	68488	2.38%	0.060%
277	11.283	11.280	11.319	HH	4149	50377	1.75%	0.044%
278	11.348	11.319	11.371	HH	2192	43708	1.52%	0.038%
279	11.398	11.371	11.423	HH	4523	67677	2.35%	0.059%
280	11.439	11.423	11.459	HH	1706	29031	1.01%	0.025%
281	11.473	11.459	11.485	HH	1235	17546	0.61%	0.015%
282	11.500	11.485	11.518	HH	1485	25916	0.90%	0.023%
283	11.549	11.518	11.563	HH	18937	235454	8.19%	0.206%
284	11.579	11.563	11.617	HH	21366	274542	9.55%	0.240%
285	11.662	11.617	11.681	HH	21391	333770	11.61%	0.292%
286	11.696	11.681	11.710	HH	11934	142347	4.95%	0.125%
287	11.727	11.710	11.756	HH	15543	209299	7.28%	0.183%
288	11.775	11.756	11.784	HH	1832	24855	0.86%	0.022%
289	11.811	11.784	11.833	HH	2455	52985	1.84%	0.046%
290	11.879	11.833	11.884	HH	3116	59216	2.06%	0.052%
291	11.904	11.884	11.922	HH	9514	131325	4.57%	0.115%
292	11.934	11.922	11.966	HH	4542	82393	2.87%	0.072%
293	11.979	11.966	11.996	HH	1711	29702	1.03%	0.026%
294	12.022	11.996	12.044	HH	11779	161836	5.63%	0.142%
295	12.051	12.044	12.068	HH	2591	34184	1.19%	0.030%
296	12.084	12.068	12.101	HH	2835	47790	1.66%	0.042%
297	12.123	12.101	12.152	HH	13098	188608	6.56%	0.165%
298	12.170	12.152	12.190	HH	3678	66204	2.30%	0.058%
299	12.199	12.190	12.213	HH	2349	30127	1.05%	0.026%

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300	12.230	12.213	12.238	HH	2182	30025	1.04%	0.026%
301	12.274	12.238	12.286	HH	3583	78628	2.74%	0.069%
302	12.297	12.286	12.323	HH	3370	60834	2.12%	0.053%
303	12.342	12.323	12.377	HH	5310	116806	4.06%	0.102%
304	12.398	12.377	12.429	HH	5832	119394	4.15%	0.104%
305	12.450	12.429	12.471	HH	11820	179560	6.25%	0.157%
306	12.486	12.471	12.502	HH	5776	90933	3.16%	0.080%
307	12.517	12.502	12.537	HH	7148	118169	4.11%	0.103%
308	12.566	12.537	12.608	HH	159917	1902119	66.17%	1.665%
309	12.625	12.608	12.648	HH	3160	58322	2.03%	0.051%
310	12.668	12.648	12.675	HH	2763	39309	1.37%	0.034%
311	12.701	12.675	12.719	HH	8968	145713	5.07%	0.128%
312	12.731	12.719	12.736	HH	5313	47232	1.64%	0.041%
313	12.752	12.736	12.798	HH	8230	207262	7.21%	0.181%
314	12.805	12.798	12.830	HH	4289	67865	2.36%	0.059%
315	12.864	12.830	12.888	HH	132159	1529813	53.22%	1.339%
316	12.907	12.888	12.936	HH	17361	324578	11.29%	0.284%
317	12.954	12.936	12.984	HH	14719	233502	8.12%	0.204%
318	13.008	12.984	13.022	HH	5209	94273	3.28%	0.082%
319	13.039	13.022	13.053	HH	6885	102362	3.56%	0.090%
320	13.063	13.053	13.096	HH	6038	112008	3.90%	0.098%
321	13.136	13.096	13.176	HH	11784	283819	9.87%	0.248%
322	13.200	13.176	13.247	HH	15837	342844	11.93%	0.300%
323	13.262	13.247	13.281	HH	6762	112064	3.90%	0.098%
324	13.294	13.281	13.300	HH	4567	49085	1.71%	0.043%
325	13.325	13.300	13.346	HH	10750	203668	7.09%	0.178%
326	13.361	13.346	13.397	HH	7990	166693	5.80%	0.146%
327	13.455	13.397	13.495	HH	22883	515860	17.95%	0.451%
328	13.527	13.495	13.538	HH	5064	116958	4.07%	0.102%
329	13.563	13.538	13.584	HH	17360	283257	9.85%	0.248%
330	13.601	13.584	13.623	HH	12568	192132	6.68%	0.168%
331	13.645	13.623	13.668	HH	6007	145865	5.07%	0.128%
332	13.729	13.668	13.753	HH	13902	396522	13.79%	0.347%
333	13.772	13.753	13.816	HH	10654	243559	8.47%	0.213%
334	13.850	13.816	13.863	HH	5213	135985	4.73%	0.119%
335	13.880	13.863	13.904	HH	5425	124473	4.33%	0.109%
336	13.922	13.904	13.970	HH	6180	205100	7.14%	0.179%
337	13.983	13.970	14.018	HH	5051	135275	4.71%	0.118%
338	14.045	14.018	14.066	HH	4888	130997	4.56%	0.115%
339	14.074	14.066	14.093	HH	4656	74426	2.59%	0.065%
340	14.096	14.093	14.109	HH	4608	43837	1.52%	0.038%
341	14.152	14.109	14.171	HH	7858	233283	8.12%	0.204%
342	14.190	14.171	14.220	HH	11504	237969	8.28%	0.208%
343	14.291	14.220	14.330	HH	9706	435825	15.16%	0.381%
344	14.369	14.330	14.407	HH	13647	399045	13.88%	0.349%
345	14.433	14.407	14.456	HH	21544	365777	12.72%	0.320%
346	14.492	14.456	14.525	HH	14010	381757	13.28%	0.334%
347	14.560	14.525	14.576	HH	6982	197923	6.89%	0.173%
348	14.625	14.576	14.660	HH	17594	499884	17.39%	0.437%
349	14.670	14.660	14.676	HH	6449	63440	2.21%	0.056%
350	14.697	14.676	14.717	HH	10742	207914	7.23%	0.182%
351	14.746	14.717	14.766	HH	57955	817460	28.44%	0.715%

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352	14.787	14.766	14.815	HH	63057	878908	30.58%	0.769%
353	14.834	14.815	14.863	HH	9177	218013	7.58%	0.191%
354	14.907	14.863	14.935	HH	17019	452263	15.73%	0.396%
355	14.952	14.935	14.968	HH	8637	164734	5.73%	0.144%
356	14.987	14.968	15.023	HH	10613	275973	9.60%	0.242%
357	15.049	15.023	15.068	HH	12150	263848	9.18%	0.231%
358	15.093	15.068	15.152	HH	10709	456963	15.90%	0.400%
359	15.218	15.152	15.270	HH	13549	685246	23.84%	0.600%
360	15.283	15.270	15.309	HH	8451	197040	6.85%	0.172%
361	15.318	15.309	15.328	HH	8700	97745	3.40%	0.086%
362	15.368	15.328	15.393	HH	26706	605059	21.05%	0.529%
363	15.421	15.393	15.443	HH	19428	428880	14.92%	0.375%
364	15.459	15.443	15.484	HH	13651	284494	9.90%	0.249%
365	15.501	15.484	15.517	HH	10908	205463	7.15%	0.180%
366	15.565	15.517	15.569	HH	13963	349004	12.14%	0.305%
367	15.583	15.569	15.618	HH	15712	382937	13.32%	0.335%
368	15.662	15.618	15.698	HH	12010	495896	17.25%	0.434%
369	15.722	15.698	15.726	HH	10105	168645	5.87%	0.148%
370	15.748	15.726	15.765	HH	12078	255651	8.89%	0.224%
371	15.777	15.765	15.795	HH	11288	196363	6.83%	0.172%
372	15.824	15.795	15.830	HH	11406	231376	8.05%	0.202%
373	15.859	15.830	15.881	HH	12817	359644	12.51%	0.315%
374	15.892	15.881	15.900	HH	10992	120769	4.20%	0.106%
375	15.920	15.900	15.931	HH	11460	210819	7.33%	0.184%
376	15.953	15.931	15.966	HH	11612	238200	8.29%	0.208%
377	15.983	15.966	15.995	HH	11232	190944	6.64%	0.167%
378	16.031	15.995	16.049	HH	14314	416005	14.47%	0.364%
379	16.059	16.049	16.074	HH	13667	199664	6.95%	0.175%
380	16.092	16.074	16.111	HH	14458	300801	10.46%	0.263%
381	16.142	16.111	16.163	HH	14566	422371	14.69%	0.370%
382	16.233	16.163	16.260	HH	17656	866913	30.16%	0.759%
383	16.308	16.260	16.327	HH	67591	1332290	46.35%	1.166%
384	16.337	16.327	16.377	HH	37228	698266	24.29%	0.611%
385	16.394	16.377	16.401	HH	14875	211191	7.35%	0.185%
386	16.437	16.401	16.453	HH	25199	598607	20.82%	0.524%
387	16.468	16.453	16.510	HH	23910	682024	23.73%	0.597%
388	16.516	16.510	16.531	HH	16767	199947	6.96%	0.175%
389	16.559	16.531	16.576	HH	18200	476025	16.56%	0.417%
390	16.628	16.576	16.656	HH	53648	1380096	48.01%	1.208%
391	16.685	16.656	16.735	HH	61031	1385618	48.20%	1.213%
392	16.755	16.735	16.759	HH	18549	268274	9.33%	0.235%
393	16.787	16.759	16.824	HH	28974	875793	30.47%	0.766%
394	16.838	16.824	16.877	HH	21396	643482	22.39%	0.563%
395	16.903	16.877	16.912	HH	20947	426008	14.82%	0.373%
396	16.934	16.912	16.962	HH	22220	645215	22.45%	0.565%
397	16.972	16.962	16.975	HH	20627	166914	5.81%	0.146%
398	16.997	16.975	17.016	HH	21740	513218	17.85%	0.449%
399	17.047	17.016	17.088	HH	27247	1062771	36.97%	0.930%
400	17.104	17.088	17.109	HH	23835	296404	10.31%	0.259%
401	17.115	17.109	17.130	HH	23933	295030	10.26%	0.258%
402	17.210	17.130	17.247	HH	27441	1718324	59.78%	1.504%
403	17.269	17.247	17.298	HH	26438	766506	26.67%	0.671%
404	17.301	17.298	17.317	HH	24904	284695	9.90%	0.249%

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405	17.346	17.317	17.351	HH	27950	527850	18.36%	0.462%
406	17.358	17.351	17.382	HH	27579	498535	17.34%	0.436%
407	17.388	17.382	17.404	HH	25637	327254	11.38%	0.286%
408	17.461	17.404	17.493	HH	26708	1378337	47.95%	1.206%
409	17.538	17.493	17.560	HH	27049	1043046	36.29%	0.913%
410	17.582	17.560	17.593	HH	27126	515989	17.95%	0.452%
411	17.611	17.593	17.616	HH	27746	379187	13.19%	0.332%
412	17.622	17.616	17.628	HH	27732	199311	6.93%	0.174%
413	17.658	17.628	17.662	HH	29480	590827	20.55%	0.517%
414	17.694	17.662	17.719	HH	31900	1028571	35.78%	0.900%
415	17.737	17.719	17.753	HH	30757	611762	21.28%	0.535%
416	17.791	17.753	17.804	HH	32182	943424	32.82%	0.826%
417	17.832	17.804	17.886	HH	40795	1782925	62.02%	1.560%
418	17.900	17.886	17.938	HH	33267	1004189	34.93%	0.879%
419	17.967	17.938	17.992	HH	39577	1168077	40.64%	1.022%
420	17.998	17.992	18.010	HH	35312	369510	12.85%	0.323%
421	18.015	18.010	18.021	HH	34749	221349	7.70%	0.194%
422	18.057	18.021	18.085	HH	63693	1752911	60.98%	1.534%
423	18.101	18.085	18.130	HH	39448	1034873	36.00%	0.906%
424	18.146	18.130	18.163	HH	38288	748271	26.03%	0.655%
425	18.199	18.163	18.220	HH	50135	1489313	51.81%	1.303%
426	18.224	18.220	18.279	HH	45038	1430882	49.78%	1.252%
427	18.311	18.279	18.340	HH	64037	1712233	59.57%	1.498%
428	18.355	18.340	18.363	HH	39359	538358	18.73%	0.471%
429	18.368	18.363	18.373	HH	39367	246762	8.58%	0.216%
430	18.404	18.373	18.421	HH	41510	1162482	40.44%	1.017%
431	18.443	18.421	18.470	HH	47673	1260480	43.85%	1.103%
432	18.486	18.470	18.491	HH	40171	512691	17.84%	0.449%
433	18.515	18.491	18.518	HH	41659	665029	23.14%	0.582%
434	18.537	18.518	18.557	HH	43869	1001381	34.84%	0.876%
435	18.565	18.557	18.591	HH	42662	840276	29.23%	0.735%
436	18.628	18.591	18.648	HH	48530	1524101	53.02%	1.334%
437	18.674	18.648	18.705	HH	48167	1580267	54.97%	1.383%
438	18.730	18.705	18.734	HH	45782	793626	27.61%	0.694%
439	18.752	18.734	18.771	HH	47541	1032566	35.92%	0.904%
440	18.810	18.771	18.823	HH	48379	1471609	51.19%	1.288%
441	18.832	18.823	18.844	HH	49026	609734	21.21%	0.534%
442	18.887	18.844	18.908	HH	54661	1993802	69.36%	1.745%
443	18.929	18.908	18.943	HH	53805	1092112	37.99%	0.956%
444	18.950	18.943	18.975	HH	53761	1014096	35.28%	0.887%
445	19.026	18.975	19.065	HH	54956	2874555	100.00%	2.515%
446	19.072	19.065	19.079	HH	52564	449210	15.63%	0.393%
447	19.105	19.079	19.111	HH	54393	1032959	35.93%	0.904%
448	19.136	19.111	19.145	HH	55711	1118343	38.90%	0.979%
449	19.169	19.145	19.186	HH	56113	1349842	46.96%	1.181%
450	19.195	19.186	19.200	HH	56639	467758	16.27%	0.409%
451	19.221	19.200	19.232	HH	57630	1107035	38.51%	0.969%
452	19.247	19.232	19.251	HH	57483	637800	22.19%	0.558%
453	19.265	19.251	19.279	HH	58637	969570	33.73%	0.848%
454	19.335	19.279	19.353	HH	63203	2693218	93.69%	2.357%
455	19.356	19.353	19.362	HH	61859	320354	11.14%	0.280%
456	19.366	19.362	19.373	HH	61523	415912	14.47%	0.364%

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457	19.405	19.373	19.421	HH	63826	1809251	62.94%	1.583%
458	19.431	19.421	19.440	HH	64023	698764	24.31%	0.611%
459	19.475	19.440	19.506	HH	75435	2764558	96.17%	2.419%
460	19.544	19.506	19.569	HH	75703	2704544	94.09%	2.367%
461	19.600	19.569	19.609	HH	71898	1660203	57.76%	1.453%
462	19.620	19.609	19.624	HH	71569	669408	23.29%	0.586%
463	19.654	19.624	19.686	HH	79368	2769423	96.34%	2.423%
464	19.690	19.686	19.693	HH	71969	289986	10.09%	0.254%
465	19.701	19.693	19.706	HH	71951	578890	20.14%	0.507%
466	19.732	19.706	19.738	HH	74172	1373549	47.78%	1.202%
467	19.747	19.738	19.772	HH	75073	1521845	52.94%	1.332%
468	19.776	19.772	19.782	HH	73139	431134	15.00%	0.377%
469	19.787	19.782	19.791	HH	73027	402110	13.99%	0.352%
					Sum of corrected areas:		114274119	

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