

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052419\
 Data File : FF004619.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2019 14:38
 Sample : K3008-01 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.310	2.292	2.330	BH	127	702	0.01%	0.000%
2	2.335	2.330	2.340	PH	-8	-447	-0.01%	-0.000%
3	2.344	2.340	2.364	PH	-27	-1185	-0.02%	-0.000%
4	2.367	2.364	2.386	PH	-95	-1653	-0.02%	-0.001%
5	2.390	2.386	2.394	PH	-119	-749	-0.01%	-0.000%
6	2.405	2.394	2.417	PH	-104	-1966	-0.03%	-0.001%
7	2.426	2.417	2.456	PH	-46	-2791	-0.04%	-0.001%
8	2.463	2.456	2.484	PH	-73	-2190	-0.03%	-0.001%
9	2.502	2.484	2.512	PH	7	-924	-0.01%	-0.000%
10	2.514	2.512	2.532	PH	9	-1351	-0.02%	-0.000%
11	2.552	2.532	2.570	PH	128	-1906	-0.03%	-0.001%
12	2.577	2.570	2.599	PH	-106	-3865	-0.06%	-0.001%
13	2.602	2.599	2.615	PH	-342	-3854	-0.06%	-0.001%
14	2.618	2.615	2.633	PH	-376	-4458	-0.06%	-0.001%
15	2.639	2.633	2.644	PH	-342	-2530	-0.04%	-0.001%
16	2.646	2.644	2.657	PH	-365	-3546	-0.05%	-0.001%
17	2.674	2.657	2.689	PH	-355	-8329	-0.12%	-0.003%
18	2.695	2.689	2.705	PH	-364	-4253	-0.06%	-0.001%
19	2.709	2.705	2.736	PH	-364	-8461	-0.12%	-0.003%
20	2.744	2.736	2.754	PH	-491	-5512	-0.08%	-0.002%
21	2.769	2.754	2.785	PH	358	-2987	-0.04%	-0.001%
22	2.794	2.785	2.842	PH	-428	-17117	-0.24%	-0.005%
23	2.860	2.842	2.902	PH	314	-9024	-0.13%	-0.003%
24	2.907	2.902	2.914	PH	-555	-3868	-0.06%	-0.001%
25	2.920	2.914	2.928	PH	-451	-4730	-0.07%	-0.001%
26	2.944	2.928	2.957	PH	-455	-8746	-0.13%	-0.003%
27	2.962	2.957	2.981	PH	-488	-7800	-0.11%	-0.002%
28	2.990	2.981	2.995	PH	-515	-4767	-0.07%	-0.001%
29	3.007	2.995	3.017	PH	-414	-6224	-0.09%	-0.002%
30	3.026	3.017	3.057	PH	-339	-10549	-0.15%	-0.003%
31	3.062	3.057	3.074	PH	-570	-5590	-0.08%	-0.002%
32	3.087	3.074	3.109	PH	-103	-8978	-0.13%	-0.003%
33	3.121	3.109	3.142	PH	-313	-9822	-0.14%	-0.003%
34	3.148	3.142	3.153	PH	-507	-3967	-0.06%	-0.001%
35	3.160	3.153	3.177	PH	-540	-8854	-0.13%	-0.003%
36	3.182	3.177	3.188	PH	-614	-4020	-0.06%	-0.001%
37	3.196	3.188	3.201	PH	-599	-5191	-0.07%	-0.002%
38	3.229	3.201	3.247	PH	-321	-15839	-0.23%	-0.005%
39	3.258	3.247	3.319	PH	-564	-28397	-0.41%	-0.009%
40	3.324	3.319	3.328	PH	-668	-3404	-0.05%	-0.001%
41	3.333	3.328	3.380	PH	-587	-22015	-0.31%	-0.007%
42	3.382	3.380	3.398	PH	-720	-7847	-0.11%	-0.002%
43	3.405	3.398	3.413	PH	-765	-7455	-0.11%	-0.002%
44	3.418	3.413	3.431	PH	-731	-8426	-0.12%	-0.003%
45	3.445	3.431	3.452	PH	-706	-9066	-0.13%	-0.003%
46	3.466	3.452	3.509	PH	-681	-26466	-0.38%	-0.008%

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47	3.528	3.509	3.544	PH	-692	-16581	-0.24%	-0.005%
48	3.550	3.544	3.592	PH	-700	-22989	-0.33%	-0.007%
49	3.633	3.592	3.668	PH	-444	-32294	-0.46%	-0.010%
50	3.675	3.668	3.694	PH	-782	-12933	-0.18%	-0.004%
51	3.718	3.694	3.751	PH	-509	-24014	-0.34%	-0.007%
52	3.755	3.751	3.759	PH	-706	-3696	-0.05%	-0.001%
53	3.762	3.759	3.769	PH	-730	-4442	-0.06%	-0.001%
54	3.772	3.769	3.776	PH	-745	-3391	-0.05%	-0.001%
55	3.783	3.776	3.814	PH	-694	-17141	-0.24%	-0.005%
56	3.833	3.814	3.847	PH	-562	-13059	-0.19%	-0.004%
57	3.854	3.847	3.875	PH	-665	-13062	-0.19%	-0.004%
58	3.889	3.875	3.894	PH	-764	-8810	-0.13%	-0.003%
59	3.898	3.894	3.905	PH	-777	-5576	-0.08%	-0.002%
60	3.923	3.905	3.941	PH	-582	-14394	-0.21%	-0.004%
61	3.945	3.941	3.955	PH	-693	-6903	-0.10%	-0.002%
62	3.962	3.955	3.970	PH	-775	-7246	-0.10%	-0.002%
63	3.994	3.970	4.048	PH	2811	-5889	-0.08%	-0.002%
64	4.056	4.048	4.062	PH	-732	-6574	-0.09%	-0.002%
65	4.073	4.062	4.080	PH	-761	-8650	-0.12%	-0.003%
66	4.088	4.080	4.094	PH	-693	-6188	-0.09%	-0.002%
67	4.104	4.094	4.130	PH	-708	-17648	-0.25%	-0.005%
68	4.134	4.130	4.137	PH	-798	-3148	-0.04%	-0.001%
69	4.150	4.137	4.163	PH	-714	-12486	-0.18%	-0.004%
70	4.176	4.163	4.195	PH	-490	-13367	-0.19%	-0.004%
71	4.211	4.195	4.249	PH	-396	-21169	-0.30%	-0.006%
72	4.254	4.249	4.309	PH	-729	-29398	-0.42%	-0.009%
73	4.315	4.309	4.335	PH	-769	-13310	-0.19%	-0.004%
74	4.340	4.335	4.346	PH	-782	-5357	-0.08%	-0.002%
75	4.349	4.346	4.363	PH	-817	-8481	-0.12%	-0.003%
76	4.369	4.363	4.391	PH	-776	-14082	-0.20%	-0.004%
77	4.413	4.391	4.435	PH	-661	-20877	-0.30%	-0.006%
78	4.458	4.435	4.466	PH	-621	-14818	-0.21%	-0.005%
79	4.481	4.466	4.505	PH	-737	-19519	-0.28%	-0.006%
80	4.510	4.505	4.540	PH	-775	-17190	-0.25%	-0.005%
81	4.562	4.540	4.600	PH	-431	-27491	-0.39%	-0.008%
82	4.625	4.600	4.646	PH	-543	-19333	-0.28%	-0.006%
83	4.667	4.646	4.682	PH	-664	-17723	-0.25%	-0.005%
84	4.694	4.682	4.729	PH	-758	-24103	-0.34%	-0.007%
85	4.749	4.729	4.774	PH	-649	-22109	-0.32%	-0.007%
86	4.782	4.774	4.809	PH	-841	-18991	-0.27%	-0.006%
87	4.815	4.809	4.830	PH	-857	-11941	-0.17%	-0.004%
88	4.835	4.830	4.845	PH	-923	-8532	-0.12%	-0.003%
89	4.852	4.845	4.857	PH	-943	-6857	-0.10%	-0.002%
90	4.861	4.857	4.867	PH	-886	-5891	-0.08%	-0.002%
91	4.873	4.867	4.929	PH	-906	-36619	-0.52%	-0.011%
92	4.957	4.929	4.973	PH	-896	-26761	-0.38%	-0.008%
93	4.983	4.973	4.990	PH	-954	-10124	-0.14%	-0.003%
94	4.992	4.990	4.996	PH	-1023	-3351	-0.05%	-0.001%
95	5.012	4.996	5.037	PH	-888	-23787	-0.34%	-0.007%
96	5.044	5.037	5.049	PH	-961	-7129	-0.10%	-0.002%
97	5.054	5.049	5.079	PH	-946	-17887	-0.26%	-0.005%
98	5.084	5.079	5.092	PH	-976	-8085	-0.12%	-0.002%
99	5.095	5.092	5.100	PH	-897	-4766	-0.07%	-0.001%
100	5.111	5.100	5.122	PH	-886	-12160	-0.17%	-0.004%
101	5.133	5.122	5.143	PH	-815	-11006	-0.16%	-0.003%
102	5.147	5.143	5.150	PH	-844	-3898	-0.06%	-0.001%
103	5.156	5.150	5.173	PH	-749	-11745	-0.17%	-0.004%
104	5.178	5.173	5.181	PH	-892	-4673	-0.07%	-0.001%
105	5.188	5.181	5.201	PH	-904	-11571	-0.17%	-0.004%
106	5.206	5.201	5.209	PH	-952	-4669	-0.07%	-0.001%
107	5.213	5.209	5.230	PH	-917	-12101	-0.17%	-0.004%
108	5.235	5.230	5.249	PH	-928	-10670	-0.15%	-0.003%
109	5.271	5.249	5.306	PH	-406	-26565	-0.38%	-0.008%

110	5.312	5.306	5.323	PH	-874	rteres -9135	-0.13%	-0.003%
111	5.339	5.323	5.364	PH	-683	-19838	-0.28%	-0.006%
112	5.370	5.364	5.392	PH	-793	-14386	-0.21%	-0.004%
113	5.398	5.392	5.423	PH	-755	-15907	-0.23%	-0.005%
114	5.453	5.423	5.475	PH	-272	-20697	-0.30%	-0.006%
115	5.480	5.475	5.516	PH	-580	-16595	-0.24%	-0.005%
116	5.523	5.516	5.535	PH	-704	-8841	-0.13%	-0.003%
117	5.539	5.535	5.547	PH	-747	-5265	-0.08%	-0.002%
118	5.566	5.547	5.582	PH	-563	-14237	-0.20%	-0.004%
119	5.587	5.582	5.602	PH	-661	-8569	-0.12%	-0.003%
120	5.640	5.602	5.659	PH	-485	-21530	-0.31%	-0.007%
121	5.666	5.659	5.692	PH	-602	-13332	-0.19%	-0.004%
122	5.702	5.692	5.707	PH	-565	-5831	-0.08%	-0.002%
123	5.714	5.707	5.727	PH	-623	-7841	-0.11%	-0.002%
124	5.738	5.727	5.750	PH	-531	-7862	-0.11%	-0.002%
125	5.755	5.750	5.767	PH	-492	-6102	-0.09%	-0.002%
126	5.773	5.767	5.777	PH	-648	-4088	-0.06%	-0.001%
127	5.794	5.777	5.822	PH	-293	-14634	-0.21%	-0.004%
128	5.827	5.822	5.840	PH	-572	-6530	-0.09%	-0.002%
129	5.848	5.840	5.859	PH	-569	-7085	-0.10%	-0.002%
130	5.863	5.859	5.879	PH	-590	-7470	-0.11%	-0.002%
131	5.885	5.879	5.897	PH	-529	-6714	-0.10%	-0.002%
132	5.912	5.897	5.925	PH	-514	-10233	-0.15%	-0.003%
133	5.961	5.925	5.973	PH	-428	-14422	-0.21%	-0.004%
134	6.002	5.973	6.031	PH	2903	14419	0.21%	0.004%
135	6.038	6.031	6.042	PH	-446	-3058	-0.04%	-0.001%
136	6.048	6.042	6.067	PH	-425	-7527	-0.11%	-0.002%
137	6.072	6.067	6.082	PH	-567	-5328	-0.08%	-0.002%
138	6.098	6.082	6.124	PH	-487	-14770	-0.21%	-0.005%
139	6.157	6.124	6.204	PH	-145	-23748	-0.34%	-0.007%
140	6.226	6.204	6.234	PH	-580	-11308	-0.16%	-0.003%
141	6.238	6.234	6.259	PH	-604	-9781	-0.14%	-0.003%
142	6.282	6.259	6.320	PH	-15	-15843	-0.23%	-0.005%
143	6.327	6.320	6.346	PH	-447	-8597	-0.12%	-0.003%
144	6.366	6.346	6.383	PH	-543	-13730	-0.20%	-0.004%
145	6.399	6.383	6.410	PH	-580	-10613	-0.15%	-0.003%
146	6.437	6.410	6.509	PH	-128	-36053	-0.52%	-0.011%
147	6.520	6.509	6.524	PH	-752	-7402	-0.11%	-0.002%
148	6.529	6.524	6.538	PH	-728	-6786	-0.10%	-0.002%
149	6.544	6.538	6.552	PH	-750	-6509	-0.09%	-0.002%
150	6.553	6.552	6.569	PH	-721	-7941	-0.11%	-0.002%
151	6.586	6.569	6.607	PH	-584	-17067	-0.24%	-0.005%
152	6.632	6.607	6.674	PH	-724	-34104	-0.49%	-0.010%
153	6.713	6.674	6.737	PH	-744	-33531	-0.48%	-0.010%
154	6.757	6.737	6.767	PH	-766	-15251	-0.22%	-0.005%
155	6.772	6.767	6.798	PH	-832	-17030	-0.24%	-0.005%
156	6.808	6.798	6.829	PH	-909	-17511	-0.25%	-0.005%
157	6.840	6.829	6.862	PH	-764	-17722	-0.25%	-0.005%
158	6.865	6.862	6.874	PH	-945	-7057	-0.10%	-0.002%
159	6.905	6.874	6.917	PH	-745	-21988	-0.31%	-0.007%
160	6.934	6.917	6.984	PH	-449	-25240	-0.36%	-0.008%
161	6.991	6.984	7.014	PH	-673	-14431	-0.21%	-0.004%
162	7.058	7.014	7.082	PH	1039	-17846	-0.26%	-0.005%
163	7.095	7.082	7.119	PH	-723	-19226	-0.27%	-0.006%
164	7.138	7.119	7.169	PH	-536	-24409	-0.35%	-0.007%
165	7.194	7.169	7.217	PH	745	-12750	-0.18%	-0.004%
166	7.230	7.217	7.247	PH	-677	-15120	-0.22%	-0.005%
167	7.267	7.247	7.291	PH	-849	-25551	-0.37%	-0.008%
168	7.311	7.291	7.327	PH	-901	-20877	-0.30%	-0.006%
169	7.358	7.327	7.397	PH	-276	-32019	-0.46%	-0.010%
170	7.419	7.397	7.427	PH	-902	-17674	-0.25%	-0.005%
171	7.436	7.427	7.470	PH	-895	-25116	-0.36%	-0.008%

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172	7.479	7.470	7.486	PH	-1000	-10064	-0.14%	-0.003%
173	7.533	7.486	7.563	PH	-776	-43779	-0.63%	-0.013%
174	7.569	7.563	7.610	PH	-982	-29206	-0.42%	-0.009%
175	7.654	7.610	7.681	PH	-696	-38721	-0.55%	-0.012%
176	7.686	7.681	7.735	PH	-861	-31135	-0.44%	-0.009%
177	7.739	7.735	7.742	PH	-950	-3813	-0.05%	-0.001%
178	7.757	7.742	7.764	PH	-754	-11077	-0.16%	-0.003%
179	7.781	7.764	7.809	PH	72	-15185	-0.22%	-0.005%
180	7.812	7.809	7.830	PH	-824	-11074	-0.16%	-0.003%
181	7.836	7.830	7.867	PH	-806	-20439	-0.29%	-0.006%
182	7.876	7.867	7.901	PH	-757	-18524	-0.26%	-0.006%
183	7.939	7.901	7.956	PH	-382	-24453	-0.35%	-0.007%
184	7.973	7.956	8.018	PH	-500	-27096	-0.39%	-0.008%
185	8.051	8.018	8.084	PH	214	-17781	-0.25%	-0.005%
186	8.122	8.084	8.136	PH	-265	-18721	-0.27%	-0.006%
187	8.156	8.136	8.171	PH	986	1998	0.03%	0.001%
188	8.184	8.171	8.200	PH	241	-2916	-0.04%	-0.001%
189	8.231	8.200	8.263	PH	499	-8500	-0.12%	-0.003%
190	8.288	8.263	8.309	PH	5714	45806	0.65%	0.014%
191	8.340	8.309	8.364	PH	1205	7218	0.10%	0.002%
192	8.365	8.364	8.378	PH	-250	-3480	-0.05%	-0.001%
193	8.394	8.378	8.412	PH	-214	-8518	-0.12%	-0.003%
194	8.430	8.412	8.440	PH	-354	-8595	-0.12%	-0.003%
195	8.458	8.440	8.492	PH	-339	-19585	-0.28%	-0.006%
196	8.507	8.492	8.553	PH	-702	-27531	-0.39%	-0.008%
197	8.584	8.553	8.612	PH	174	-15656	-0.22%	-0.005%
198	8.636	8.612	8.664	PH	18020	164572	2.35%	0.050%
199	8.683	8.664	8.721	PH	268	-6261	-0.09%	-0.002%
200	8.768	8.721	8.816	PH	148	-20039	-0.29%	-0.006%
201	8.824	8.816	8.837	PH	-461	-7334	-0.10%	-0.002%
202	8.853	8.837	8.860	PH	-152	-5105	-0.07%	-0.002%
203	8.876	8.860	8.890	PH	541	2088	0.03%	0.001%
204	8.908	8.890	8.930	PH	5361	44615	0.64%	0.014%
205	8.951	8.930	8.990	PH	-29	-9607	-0.14%	-0.003%
206	9.000	8.990	9.019	PH	-371	-8415	-0.12%	-0.003%
207	9.051	9.019	9.070	PH	950	342	0.00%	0.000%
208	9.087	9.070	9.120	PH	485	-4310	-0.06%	-0.001%
209	9.126	9.120	9.131	PH	-538	-3525	-0.05%	-0.001%
210	9.135	9.131	9.168	PH	-563	-14034	-0.20%	-0.004%
211	9.201	9.168	9.218	PH	253	-11116	-0.16%	-0.003%
212	9.233	9.218	9.254	PH	128	-6379	-0.09%	-0.002%
213	9.260	9.254	9.269	PH	-475	-4562	-0.07%	-0.001%
214	9.285	9.269	9.296	PH	-302	-7670	-0.11%	-0.002%
215	9.336	9.296	9.354	PH	173	-10453	-0.15%	-0.003%
216	9.371	9.354	9.393	PH	342	-1648	-0.02%	-0.001%
217	9.419	9.393	9.480	PH	14954	142111	2.03%	0.043%
218	9.502	9.480	9.526	PH	2086	21733	0.31%	0.007%
219	9.541	9.526	9.553	HH	1006	9148	0.13%	0.003%
220	9.573	9.553	9.594	HH	3693	42429	0.61%	0.013%
221	9.599	9.594	9.612	HH	144	492	0.01%	0.000%
222	9.633	9.612	9.668	PH	2595	24382	0.35%	0.007%
223	9.700	9.668	9.722	PH	274	582	0.01%	0.000%
224	9.742	9.722	9.785	PH	3101	33757	0.48%	0.010%
225	9.797	9.785	9.811	HH	138	146	0.00%	0.000%
226	9.841	9.811	9.882	PH	4805	61402	0.88%	0.019%
227	9.905	9.882	9.928	PH	574	3282	0.05%	0.001%
228	9.939	9.928	9.964	PH	155	-2346	-0.03%	-0.001%
229	9.970	9.964	9.987	PH	-286	-4407	-0.06%	-0.001%
230	10.004	9.987	10.061	PH	201	-3574	-0.05%	-0.001%
231	10.105	10.061	10.118	PH	332	860	0.01%	0.000%
232	10.128	10.118	10.149	PH	-69	-1937	-0.03%	-0.001%
233	10.166	10.149	10.198	PH	376	3607	0.05%	0.001%
234	10.221	10.198	10.256	PH	1351	16337	0.23%	0.005%

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235	10.279	10.256	10.287	HH	1185	14808	0.21%	0.005%
236	10.303	10.287	10.327	HH	3836	47236	0.68%	0.014%
237	10.348	10.327	10.381	HH	2532	46945	0.67%	0.014%
238	10.419	10.381	10.451	HH	6831	99992	1.43%	0.030%
239	10.476	10.451	10.496	HH	11111	153953	2.20%	0.047%
240	10.507	10.496	10.519	HH	3435	40356	0.58%	0.012%
241	10.532	10.519	10.542	HH	3623	42753	0.61%	0.013%
242	10.550	10.542	10.569	HH	3554	41690	0.60%	0.013%
243	10.592	10.569	10.601	HH	2816	42912	0.61%	0.013%
244	10.626	10.601	10.646	HH	9821	168034	2.40%	0.051%
245	10.653	10.646	10.665	HH	4476	44557	0.64%	0.014%
246	10.674	10.665	10.687	HH	4176	47412	0.68%	0.014%
247	10.692	10.687	10.709	HH	2809	28660	0.41%	0.009%
248	10.738	10.709	10.760	HH	5927	97176	1.39%	0.030%
249	10.794	10.760	10.800	HH	4989	67799	0.97%	0.021%
250	10.826	10.800	10.871	HH	196269	2124707	30.37%	0.648%
251	10.898	10.871	10.943	HH	48031	566335	8.09%	0.173%
252	10.952	10.943	10.972	HH	1717	27560	0.39%	0.008%
253	10.975	10.972	10.985	HH	1442	10509	0.15%	0.003%
254	11.000	10.985	11.020	HH	1857	32288	0.46%	0.010%
255	11.036	11.020	11.047	HH	1692	23123	0.33%	0.007%
256	11.067	11.047	11.088	HH	4022	60306	0.86%	0.018%
257	11.111	11.088	11.161	HH	19174	244225	3.49%	0.074%
258	11.181	11.161	11.197	HH	1430	27151	0.39%	0.008%
259	11.222	11.197	11.254	HH	2489	71938	1.03%	0.022%
260	11.275	11.254	11.297	HH	2875	57971	0.83%	0.018%
261	11.365	11.297	11.395	HH	5079	173321	2.48%	0.053%
262	11.427	11.395	11.449	HH	3169	64814	0.93%	0.020%
263	11.478	11.449	11.500	HH	3752	74253	1.06%	0.023%
264	11.516	11.500	11.532	HH	2488	41622	0.59%	0.013%
265	11.543	11.532	11.559	HH	2147	31642	0.45%	0.010%
266	11.577	11.559	11.594	HH	2371	43988	0.63%	0.013%
267	11.629	11.594	11.643	HH	22248	269359	3.85%	0.082%
268	11.659	11.643	11.702	HH	29243	366925	5.24%	0.112%
269	11.744	11.702	11.763	HH	35184	554703	7.93%	0.169%
270	11.777	11.763	11.792	HH	12902	166110	2.37%	0.051%
271	11.808	11.792	11.833	HH	18418	249124	3.56%	0.076%
272	11.849	11.833	11.866	HH	3694	55586	0.79%	0.017%
273	11.887	11.866	11.912	HH	5224	99020	1.42%	0.030%
274	11.950	11.912	11.962	HH	4761	105936	1.51%	0.032%
275	11.982	11.962	12.007	HH	14508	202460	2.89%	0.062%
276	12.019	12.007	12.030	HH	3462	43622	0.62%	0.013%
277	12.041	12.030	12.074	HH	3531	87691	1.25%	0.027%
278	12.101	12.074	12.122	HH	17252	243251	3.48%	0.074%
279	12.131	12.122	12.149	HH	4296	61703	0.88%	0.019%
280	12.160	12.149	12.177	HH	3604	54965	0.79%	0.017%
281	12.192	12.177	12.228	HH	5866	117446	1.68%	0.036%
282	12.250	12.228	12.269	HH	5920	102408	1.46%	0.031%
283	12.280	12.269	12.297	HH	3486	55401	0.79%	0.017%
284	12.307	12.297	12.315	HH	3016	32313	0.46%	0.010%
285	12.351	12.315	12.364	HH	6412	133718	1.91%	0.041%
286	12.373	12.364	12.400	HH	5771	98610	1.41%	0.030%
287	12.422	12.400	12.456	HH	8368	195195	2.79%	0.059%
288	12.478	12.456	12.512	HH	14164	262659	3.75%	0.080%
289	12.532	12.512	12.551	HH	13948	208582	2.98%	0.064%
290	12.568	12.551	12.578	HH	8571	125398	1.79%	0.038%
291	12.592	12.578	12.612	HH	10090	168447	2.41%	0.051%
292	12.652	12.612	12.687	HH	406386	4689076	67.02%	1.429%
293	12.708	12.687	12.731	HH	9169	175372	2.51%	0.053%
294	12.784	12.731	12.788	HH	7033	196937	2.81%	0.060%
295	12.812	12.788	12.821	HH	11200	176681	2.53%	0.054%
296	12.835	12.821	12.858	HH	14673	261197	3.73%	0.080%

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297	12.865	12.858	12.905	HH	9710	212939	3.04%	0.065%
298	12.909	12.905	12.918	HH	5679	42935	0.61%	0.013%
299	12.950	12.918	12.977	HH	314274	3666491	52.40%	1.117%
300	13.004	12.977	13.020	HH	58676	761280	10.88%	0.232%
301	13.034	13.020	13.065	HH	40609	562348	8.04%	0.171%
302	13.084	13.065	13.099	HH	7640	142285	2.03%	0.043%
303	13.122	13.099	13.130	HH	18576	237180	3.39%	0.072%
304	13.142	13.130	13.173	HH	22572	365353	5.22%	0.111%
305	13.217	13.173	13.267	HH	55486	1033777	14.78%	0.315%
306	13.288	13.267	13.304	HH	15782	268880	3.84%	0.082%
307	13.317	13.304	13.329	HH	11679	150971	2.16%	0.046%
308	13.345	13.329	13.365	HH	17224	267474	3.82%	0.082%
309	13.374	13.365	13.380	HH	8131	69686	1.00%	0.021%
310	13.407	13.380	13.435	HH	26740	516140	7.38%	0.157%
311	13.447	13.435	13.471	HH	7919	163014	2.33%	0.050%
312	13.537	13.471	13.573	HH	62656	1296673	18.53%	0.395%
313	13.605	13.573	13.620	HH	12390	284881	4.07%	0.087%
314	13.645	13.620	13.666	HH	41673	658076	9.41%	0.201%
315	13.685	13.666	13.706	HH	31449	477591	6.83%	0.146%
316	13.727	13.706	13.756	HH	28696	544581	7.78%	0.166%
317	13.814	13.756	13.836	HH	32388	947397	13.54%	0.289%
318	13.856	13.836	13.892	HH	26632	553353	7.91%	0.169%
319	13.927	13.892	13.947	HH	18238	459305	6.56%	0.140%
320	13.963	13.947	13.995	HH	13017	354697	5.07%	0.108%
321	13.999	13.995	14.003	HH	11664	49909	0.71%	0.015%
322	14.025	14.003	14.047	HH	14428	351070	5.02%	0.107%
323	14.067	14.047	14.107	HH	15058	442397	6.32%	0.135%
324	14.122	14.107	14.141	HH	11525	217003	3.10%	0.066%
325	14.148	14.141	14.163	HH	10210	135937	1.94%	0.041%
326	14.181	14.163	14.193	HH	11663	190271	2.72%	0.058%
327	14.224	14.193	14.252	HH	22222	633288	9.05%	0.193%
328	14.272	14.252	14.309	HH	41756	787724	11.26%	0.240%
329	14.324	14.309	14.330	HH	13898	174134	2.49%	0.053%
330	14.372	14.330	14.406	HH	17659	712610	10.18%	0.217%
331	14.454	14.406	14.490	HH	42428	1225188	17.51%	0.373%
332	14.519	14.490	14.540	HH	63025	1054451	15.07%	0.321%
333	14.577	14.540	14.611	HH	53486	1253406	17.91%	0.382%
334	14.643	14.611	14.664	HH	21099	567677	8.11%	0.173%
335	14.699	14.664	14.750	HH	39011	1176807	16.82%	0.359%
336	14.782	14.750	14.801	HH	28892	631466	9.03%	0.192%
337	14.833	14.801	14.854	HH	232933	3261178	46.61%	0.994%
338	14.875	14.854	14.905	HH	222367	2975163	42.52%	0.907%
339	14.919	14.905	14.953	HH	22613	581127	8.31%	0.177%
340	14.995	14.953	15.019	HH	69824	1405603	20.09%	0.428%
341	15.024	15.019	15.046	HH	24243	373242	5.33%	0.114%
342	15.070	15.046	15.104	HH	40298	932729	13.33%	0.284%
343	15.131	15.104	15.154	HH	41478	873658	12.49%	0.266%
344	15.175	15.154	15.230	HH	40944	1310798	18.73%	0.400%
345	15.278	15.230	15.299	HH	34910	1061977	15.18%	0.324%
346	15.316	15.299	15.335	HH	26123	537231	7.68%	0.164%
347	15.352	15.335	15.363	HH	21920	355831	5.09%	0.108%
348	15.373	15.363	15.377	HH	21672	174438	2.49%	0.053%
349	15.382	15.377	15.386	HH	21628	119160	1.70%	0.036%
350	15.424	15.386	15.434	HH	25465	702071	10.03%	0.214%
351	15.466	15.434	15.485	HH	32581	858134	12.26%	0.262%
352	15.508	15.485	15.528	HH	58908	1056367	15.10%	0.322%
353	15.543	15.528	15.567	HH	40659	776282	11.10%	0.237%
354	15.588	15.567	15.604	HH	32515	649239	9.28%	0.198%
355	15.615	15.604	15.626	HH	27128	353724	5.06%	0.108%
356	15.664	15.626	15.705	HH	49721	1827460	26.12%	0.557%
357	15.744	15.705	15.789	HH	38207	1484867	21.22%	0.453%
358	15.800	15.789	15.807	HH	26616	290278	4.15%	0.088%
359	15.832	15.807	15.842	HH	33983	643943	9.20%	0.196%

360	15.860	15.842	15.884	HH	39212	rteres 826739	11.82%	0.252%
361	15.928	15.884	15.968	HH	36869	1535066	21.94%	0.468%
362	16.000	15.968	16.020	HH	28749	861798	12.32%	0.263%
363	16.037	16.020	16.060	HH	29883	688265	9.84%	0.210%
364	16.070	16.060	16.080	HH	27995	335706	4.80%	0.102%
365	16.117	16.080	16.138	HH	40123	1164806	16.65%	0.355%
366	16.146	16.138	16.160	HH	32116	408801	5.84%	0.125%
367	16.178	16.160	16.197	HH	39431	794068	11.35%	0.242%
368	16.226	16.197	16.247	HH	37312	1028368	14.70%	0.313%
369	16.262	16.247	16.271	HH	34967	490628	7.01%	0.150%
370	16.300	16.271	16.308	HH	44369	902300	12.90%	0.275%
371	16.322	16.308	16.349	HH	49621	996840	14.25%	0.304%
372	16.401	16.349	16.418	HH	252290	4645143	66.39%	1.416%
373	16.426	16.418	16.459	HH	139744	1938507	27.71%	0.591%
374	16.479	16.459	16.497	HH	38736	869052	12.42%	0.265%
375	16.526	16.497	16.549	HH	75715	1657197	23.69%	0.505%
376	16.566	16.549	16.598	HH	47104	1301795	18.61%	0.397%
377	16.618	16.598	16.627	HH	42028	711281	10.17%	0.217%
378	16.649	16.627	16.665	HH	44942	987519	14.11%	0.301%
379	16.721	16.665	16.748	HH	168053	4028247	57.57%	1.228%
380	16.780	16.748	16.823	HH	206819	4019121	57.44%	1.225%
381	16.844	16.823	16.857	HH	47413	931476	13.31%	0.284%
382	16.878	16.857	16.899	HH	94869	1724011	24.64%	0.525%
383	16.922	16.899	16.956	HH	79536	2093875	29.93%	0.638%
384	16.992	16.956	16.997	HH	51200	1193350	17.06%	0.364%
385	17.022	16.997	17.052	HH	57602	1777035	25.40%	0.542%
386	17.083	17.052	17.104	HH	53490	1579797	22.58%	0.481%
387	17.145	17.104	17.177	HH	69512	2645140	37.81%	0.806%
388	17.183	17.177	17.214	HH	60577	1218850	17.42%	0.371%
389	17.219	17.214	17.224	HH	49822	307622	4.40%	0.094%
390	17.240	17.224	17.257	HH	54300	1032468	14.76%	0.315%
391	17.278	17.257	17.294	HH	66889	1349136	19.28%	0.411%
392	17.303	17.294	17.321	HH	66028	1016043	14.52%	0.310%
393	17.333	17.321	17.348	HH	57969	919741	13.15%	0.280%
394	17.366	17.348	17.409	HH	62348	2146413	30.68%	0.654%
395	17.436	17.409	17.475	HH	70012	2445216	34.95%	0.745%
396	17.480	17.475	17.491	HH	57268	551196	7.88%	0.168%
397	17.510	17.491	17.524	HH	59212	1123354	16.06%	0.342%
398	17.543	17.524	17.549	HH	58242	854560	12.21%	0.260%
399	17.556	17.549	17.585	HH	58338	1233808	17.63%	0.376%
400	17.601	17.585	17.609	HH	55229	763308	10.91%	0.233%
401	17.627	17.609	17.647	HH	57256	1266877	18.11%	0.386%
402	17.686	17.647	17.697	HH	60257	1738398	24.85%	0.530%
403	17.776	17.697	17.802	HH	78030	4106063	58.69%	1.251%
404	17.832	17.802	17.854	HH	64434	1913983	27.36%	0.583%
405	17.876	17.854	17.893	HH	69583	1556489	22.25%	0.474%
406	17.921	17.893	17.939	HH	82170	2020371	28.88%	0.616%
407	17.946	17.939	17.984	HH	77803	1913164	27.34%	0.583%
408	17.999	17.984	18.027	HH	66358	1675506	23.95%	0.511%
409	18.061	18.027	18.087	HH	92929	2744864	39.23%	0.837%
410	18.091	18.087	18.109	HH	70214	896949	12.82%	0.273%
411	18.156	18.109	18.179	HH	158682	4115347	58.82%	1.254%
412	18.196	18.179	18.225	HH	87608	2224067	31.79%	0.678%
413	18.239	18.225	18.255	HH	75844	1294682	18.50%	0.395%
414	18.289	18.255	18.305	HH	99927	2494383	35.65%	0.760%
415	18.319	18.305	18.354	HH	94811	2380568	34.02%	0.726%
416	18.360	18.354	18.380	HH	72032	1091126	15.59%	0.333%
417	18.412	18.380	18.441	HH	160920	3573517	51.07%	1.089%
418	18.495	18.441	18.515	HH	78226	3208173	45.85%	0.978%
419	18.541	18.515	18.579	HH	92755	2978872	42.58%	0.908%
420	18.616	18.579	18.662	HH	79652	3716492	53.12%	1.133%
421	18.670	18.662	18.690	HH	72254	1181868	16.89%	0.360%

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422	18.718	18.690	18.739	HH	82662	2232224	31.90%	0.680%	
423	18.765	18.739	18.802	HH	79394	2780073	39.73%	0.847%	
424	18.820	18.802	18.833	HH	73980	1381847	19.75%	0.421%	
425	18.843	18.833	18.866	HH	77118	1485071	21.23%	0.453%	
426	18.890	18.866	18.908	HH	78774	1894870	27.08%	0.578%	
427	18.926	18.908	18.940	HH	78874	1482091	21.18%	0.452%	
428	18.945	18.940	18.972	HH	76683	1424693	20.36%	0.434%	
429	18.979	18.972	18.983	HH	77502	518028	7.40%	0.158%	
430	18.995	18.983	19.002	HH	78350	883377	12.63%	0.269%	
431	19.018	19.002	19.040	HH	79755	1741496	24.89%	0.531%	
432	19.056	19.040	19.073	HH	79932	1556965	22.25%	0.475%	
433	19.090	19.073	19.098	HH	80533	1175882	16.81%	0.358%	
434	19.104	19.098	19.108	HH	80874	478403	6.84%	0.146%	
435	19.117	19.108	19.150	HH	82282	1966528	28.11%	0.599%	
436	19.173	19.150	19.202	HH	81248	2462026	35.19%	0.750%	
437	19.206	19.202	19.220	HH	78168	815472	11.66%	0.249%	
438	19.229	19.220	19.247	HH	76770	1238541	17.70%	0.377%	
439	19.266	19.247	19.295	HH	78508	2213956	31.64%	0.675%	
440	19.302	19.295	19.307	HH	77948	556415	7.95%	0.170%	
441	19.312	19.307	19.321	HH	77339	632629	9.04%	0.193%	
442	19.332	19.321	19.337	HH	77992	738411	10.55%	0.225%	
443	19.345	19.337	19.352	HH	78064	698438	9.98%	0.213%	
444	19.358	19.352	19.365	HH	78951	621503	8.88%	0.189%	
445	19.389	19.365	19.395	HH	80144	1416978	20.25%	0.432%	
446	19.403	19.395	19.416	HH	81294	1011011	14.45%	0.308%	
447	19.434	19.416	19.467	HH	84956	2493088	35.63%	0.760%	
448	19.512	19.467	19.547	HH	89758	3974051	56.80%	1.211%	
449	19.578	19.547	19.613	HH	119081	3842916	54.92%	1.171%	
450	19.647	19.613	19.675	HH	114465	3731760	53.34%	1.137%	
451	19.698	19.675	19.730	HH	103393	3111190	44.47%	0.948%	
452	19.737	19.730	19.758	HH	91739	1534607	21.93%	0.468%	
453	19.770	19.758	19.796	HH	90508	1981769	28.32%	0.604%	
454	19.802	19.796	19.808	HH	83602	619452	8.85%	0.189%	
455	19.834	19.808	19.843	HH	88152	1808476	25.85%	0.551%	
456	19.862	19.843	19.893	HH	92189	2630616	37.60%	0.802%	
457	19.958	19.893	19.989	HH	125411	5698500	81.45%	1.737%	
458	19.995	19.989	19.999	HH	89719	544656	7.78%	0.166%	
459	20.025	19.999	20.042	HH	104501	2549349	36.44%	0.777%	
460	20.052	20.042	20.080	HH	97912	2163361	30.92%	0.659%	
461	20.098	20.080	20.129	HH	97817	2695497	38.53%	0.822%	
462	20.147	20.129	20.152	HH	93540	1292957	18.48%	0.394%	
463	20.160	20.152	20.165	HH	93090	695335	9.94%	0.212%	
464	20.189	20.165	20.217	HH	106864	3162569	45.20%	0.964%	
465	20.220	20.217	20.240	HH	98124	1328953	18.99%	0.405%	
466	20.250	20.240	20.270	HH	94053	1641018	23.45%	0.500%	
467	20.276	20.270	20.293	HH	92681	1282944	18.34%	0.391%	
468	20.305	20.293	20.312	HH	94644	1062217	15.18%	0.324%	
469	20.314	20.312	20.321	HH	94396	503902	7.20%	0.154%	
470	20.329	20.321	20.342	HH	94227	1170226	16.73%	0.357%	
471	20.352	20.342	20.357	HH	93149	816167	11.67%	0.249%	
472	20.361	20.357	20.397	HH	93506	2243412	32.06%	0.684%	
473	20.407	20.397	20.426	HH	92746	1617022	23.11%	0.493%	
474	20.455	20.426	20.470	HH	94285	2421365	34.61%	0.738%	
475	20.476	20.470	20.487	HH	92758	957411	13.68%	0.292%	
476	20.516	20.487	20.533	HH	94998	2557309	36.55%	0.779%	
477	20.549	20.533	20.554	HH	92668	1124945	16.08%	0.343%	
478	20.572	20.554	20.584	HH	91863	1634696	23.36%	0.498%	
479	20.599	20.584	20.604	HH	90032	1067082	15.25%	0.325%	
480	20.615	20.604	20.637	HH	92143	1800867	25.74%	0.549%	
481	20.681	20.637	20.731	HH	105777	5412492	77.36%	1.650%	
482	20.741	20.731	20.747	HH	87881	822268	11.75%	0.251%	
483	20.753	20.747	20.780	HH	88272	1735166	24.80%	0.529%	
484	20.789	20.780	20.794	HH	86760	709763	10.14%	0.216%	

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485	20.802	20.794	20.812	HH	87705	905873	12.95%	0.276%	
486	20.817	20.812	20.843	HH	86763	1639459	23.43%	0.500%	
487	20.862	20.843	20.868	HH	86540	1239700	17.72%	0.378%	
488	20.870	20.868	20.881	HH	85249	670985	9.59%	0.205%	
489	20.892	20.881	20.899	HH	86974	917157	13.11%	0.280%	
490	20.908	20.899	20.941	HH	86760	2145952	30.67%	0.654%	
491	20.971	20.941	20.977	HH	87020	1845193	26.37%	0.562%	
492	20.988	20.977	21.037	HH	88158	3083640	44.07%	0.940%	
493	21.045	21.037	21.051	HH	83898	687274	9.82%	0.209%	
494	21.057	21.051	21.067	HH	83364	791700	11.32%	0.241%	
495	21.079	21.067	21.085	HH	85479	908783	12.99%	0.277%	
496	21.093	21.085	21.120	HH	85790	1731903	24.75%	0.528%	
497	21.149	21.120	21.167	HH	83017	2355402	33.66%	0.718%	
498	21.232	21.167	21.299	HH	99617	6996666	100.00%	2.132%	
499	21.360	21.299	21.414	HH	91556	5940390	84.90%	1.811%	
500	21.418	21.414	21.424	HH	83250	491807	7.03%	0.150%	
501	21.430	21.424	21.461	HH	82459	1754219	25.07%	0.535%	
502	21.465	21.461	21.481	HH	79141	951033	13.59%	0.290%	
503	21.487	21.481	21.505	HH	78959	1127842	16.12%	0.344%	
504	21.524	21.505	21.536	HH	78864	1448579	20.70%	0.442%	
505	21.547	21.536	21.557	HH	78959	979158	13.99%	0.298%	
506	21.569	21.557	21.573	HH	79164	748871	10.70%	0.228%	
507	21.580	21.573	21.612	HH	79152	1771788	25.32%	0.540%	
508	21.672	21.612	21.710	HH	82554	4603490	65.80%	1.403%	
509	21.752	21.710	21.787	HH	82477	3574960	51.10%	1.090%	
510	21.811	21.787	21.817	HH	78664	1407833	20.12%	0.429%	
511	21.868	21.817	21.873	HH	90748	2858461	40.85%	0.871%	
512	21.881	21.873	21.890	HHA	91464	982421	14.04%	0.299%	
					Sum of corrected areas:	328100779			

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