

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092321\
 Data File : FF008997.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2021 15:45
 Sample : M3861-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.338	2.330	2.354	BH	204	414	0.01%	0.000%
2	2.358	2.354	2.377	PH	-59	-2084	-0.03%	-0.000%
3	2.391	2.377	2.411	PH	1552	10503	0.15%	0.002%
4	2.419	2.411	2.436	PH	89	-564	-0.01%	-0.000%
5	2.442	2.436	2.457	PH	46	-911	-0.01%	-0.000%
6	2.463	2.457	2.482	PH	5	-2334	-0.03%	-0.001%
7	2.487	2.482	2.491	PH	-195	-1255	-0.02%	-0.000%
8	2.503	2.491	2.511	PH	-82	-2086	-0.03%	-0.000%
9	2.532	2.511	2.552	PH	121	-940	-0.01%	-0.000%
10	2.562	2.552	2.601	PH	1859	18618	0.26%	0.004%
11	2.621	2.601	2.639	HH	922	7255	0.10%	0.002%
12	2.655	2.639	2.665	PH	1564	10407	0.15%	0.002%
13	2.671	2.665	2.709	HH	559	-6825	-0.10%	-0.002%
14	2.720	2.709	2.737	PH	-462	-12221	-0.17%	-0.003%
15	2.750	2.737	2.765	PH	-559	-11905	-0.17%	-0.003%
16	2.770	2.765	2.785	PH	-722	-9094	-0.13%	-0.002%
17	2.788	2.785	2.834	PH	-644	-23721	-0.33%	-0.006%
18	2.849	2.834	2.862	PH	-377	-10851	-0.15%	-0.003%
19	2.872	2.862	2.894	PH	-668	-16324	-0.23%	-0.004%
20	2.941	2.894	2.974	PH	779	-23619	-0.33%	-0.005%
21	2.979	2.974	2.994	PH	-793	-10087	-0.14%	-0.002%
22	3.007	2.994	3.023	PH	-417	-11707	-0.16%	-0.003%
23	3.038	3.023	3.054	PH	-677	-14253	-0.20%	-0.003%
24	3.081	3.054	3.089	PH	-398	-11634	-0.16%	-0.003%
25	3.098	3.089	3.108	PH	-61	-2413	-0.03%	-0.001%
26	3.117	3.108	3.142	PH	-186	-10158	-0.14%	-0.002%
27	3.165	3.142	3.180	PH	35	-10363	-0.14%	-0.002%
28	3.196	3.180	3.229	PH	402	-12649	-0.18%	-0.003%
29	3.235	3.229	3.245	PH	-704	-7809	-0.11%	-0.002%
30	3.259	3.245	3.275	PH	-824	-16682	-0.23%	-0.004%
31	3.293	3.275	3.311	PH	166	-9765	-0.14%	-0.002%
32	3.325	3.311	3.362	PH	3116	20485	0.29%	0.005%
33	3.368	3.362	3.394	PH	-290	-9397	-0.13%	-0.002%
34	3.409	3.394	3.424	PH	24	-6614	-0.09%	-0.002%
35	3.431	3.424	3.468	PH	-623	-19697	-0.27%	-0.005%
36	3.473	3.468	3.496	PH	-748	-14502	-0.20%	-0.003%

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37	3.514	3.496	3.521	PH	-719	-12178	-0.17%	-0.003%
38	3.523	3.521	3.545	PH	-749	-11782	-0.16%	-0.003%
39	3.578	3.545	3.593	PH	-740	-24131	-0.34%	-0.006%
40	3.605	3.593	3.623	PH	-541	-12349	-0.17%	-0.003%
41	3.632	3.623	3.660	PH	-595	-19206	-0.27%	-0.004%
42	3.684	3.660	3.699	PH	-558	-16871	-0.24%	-0.004%
43	3.712	3.699	3.727	PH	-373	-9792	-0.14%	-0.002%
44	3.736	3.727	3.759	PH	-378	-12528	-0.17%	-0.003%
45	3.782	3.759	3.809	PH	34	-16313	-0.23%	-0.004%
46	3.820	3.809	3.836	PH	-686	-13083	-0.18%	-0.003%
47	3.844	3.836	3.855	PH	-758	-9347	-0.13%	-0.002%
48	3.883	3.855	3.896	PH	-331	-14508	-0.20%	-0.003%
49	3.904	3.896	3.920	PH	-417	-8557	-0.12%	-0.002%
50	3.925	3.920	3.945	PH	-626	-11577	-0.16%	-0.003%
51	3.956	3.945	3.967	PH	-673	-10693	-0.15%	-0.002%
52	3.987	3.967	4.032	PH	99	-18889	-0.26%	-0.004%
53	4.036	4.032	4.049	PH	-737	-8502	-0.12%	-0.002%
54	4.071	4.049	4.084	PH	1394	5360	0.07%	0.001%
55	4.095	4.084	4.147	HH	1854	12015	0.17%	0.003%
56	4.170	4.147	4.200	PH	-125	-13848	-0.19%	-0.003%
57	4.246	4.200	4.257	PH	341	-10150	-0.14%	-0.002%
58	4.273	4.257	4.302	PH	1066	2494	0.03%	0.001%
59	4.308	4.302	4.314	PH	-409	-3067	-0.04%	-0.001%
60	4.340	4.314	4.370	PH	226	-8023	-0.11%	-0.002%
61	4.392	4.370	4.404	PH	-498	-11582	-0.16%	-0.003%
62	4.410	4.404	4.418	PH	-534	-5049	-0.07%	-0.001%
63	4.443	4.418	4.460	PH	103	-7623	-0.11%	-0.002%
64	4.475	4.460	4.500	PH	1272	4250	0.06%	0.001%
65	4.521	4.500	4.534	PH	-236	-8275	-0.12%	-0.002%
66	4.549	4.534	4.603	PH	-230	-23292	-0.33%	-0.005%
67	4.623	4.603	4.662	PH	1643	-7769	-0.11%	-0.002%
68	4.701	4.662	4.721	PH	-121	-20359	-0.28%	-0.005%
69	4.728	4.721	4.742	PH	-443	-8124	-0.11%	-0.002%
70	4.760	4.742	4.797	PH	-327	-25241	-0.35%	-0.006%
71	4.817	4.797	4.846	PH	-6	-14749	-0.21%	-0.003%
72	4.857	4.846	4.880	PH	-419	-13579	-0.19%	-0.003%
73	4.892	4.880	4.922	PH	-666	-20619	-0.29%	-0.005%
74	4.936	4.922	4.942	PH	-913	-11785	-0.16%	-0.003%
75	4.957	4.942	4.989	PH	-784	-26370	-0.37%	-0.006%
76	4.992	4.989	5.006	PH	-1011	-11218	-0.16%	-0.003%
77	5.046	5.006	5.059	PH	-147	-22891	-0.32%	-0.005%
78	5.071	5.059	5.111	PH	7	-12064	-0.17%	-0.003%
79	5.114	5.111	5.131	PH	-636	-10390	-0.14%	-0.002%
80	5.153	5.131	5.175	PH	-701	-22347	-0.31%	-0.005%
81	5.191	5.175	5.203	PH	442	-936	-0.01%	-0.000%
82	5.216	5.203	5.244	PH	243	-7012	-0.10%	-0.002%
83	5.248	5.244	5.264	PH	-799	-10652	-0.15%	-0.002%
84	5.284	5.264	5.306	PH	-747	-21970	-0.31%	-0.005%
85	5.329	5.306	5.355	PH	10941	85142	1.19%	0.020%
86	5.360	5.355	5.377	PH	-508	-7739	-0.11%	-0.002%
87	5.391	5.377	5.430	PH	-313	-20353	-0.28%	-0.005%
88	5.437	5.430	5.442	PH	-838	-6300	-0.09%	-0.001%
89	5.467	5.442	5.487	PH	-628	-21924	-0.31%	-0.005%

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90	5.511	5.487	5.535	PH	-47	-17525	-0.24%	-0.004%
91	5.555	5.535	5.575	PH	2525	12480	0.17%	0.003%
92	5.580	5.575	5.602	PH	-375	-8809	-0.12%	-0.002%
93	5.617	5.602	5.651	PH	-326	-18458	-0.26%	-0.004%
94	5.668	5.651	5.679	PH	-419	-11095	-0.15%	-0.003%
95	5.699	5.679	5.718	PH	-494	-14639	-0.20%	-0.003%
96	5.731	5.718	5.762	PH	284	-9964	-0.14%	-0.002%
97	5.789	5.762	5.804	PH	-421	-14987	-0.21%	-0.003%
98	5.817	5.804	5.840	PH	-449	-14530	-0.20%	-0.003%
99	5.852	5.840	5.865	PH	-581	-10951	-0.15%	-0.003%
100	5.881	5.865	5.901	PH	-629	-16836	-0.23%	-0.004%
101	5.918	5.901	5.943	PH	-614	-18343	-0.26%	-0.004%
102	5.961	5.943	5.979	PH	-575	-15595	-0.22%	-0.004%
103	5.992	5.979	6.011	PH	-392	-12664	-0.18%	-0.003%
104	6.067	6.011	6.097	PH	6777	56760	0.79%	0.013%
105	6.116	6.097	6.160	PH	22716	229376	3.20%	0.053%
106	6.165	6.160	6.182	HH	305	1216	0.02%	0.000%
107	6.203	6.182	6.250	PH	852	79	0.00%	0.000%
108	6.260	6.250	6.269	PH	-359	-5216	-0.07%	-0.001%
109	6.279	6.269	6.295	PH	-384	-8187	-0.11%	-0.002%
110	6.300	6.295	6.313	PH	-551	-6677	-0.09%	-0.002%
111	6.335	6.313	6.406	PH	2739	15750	0.22%	0.004%
112	6.425	6.406	6.438	PH	-315	-8315	-0.12%	-0.002%
113	6.451	6.438	6.469	PH	-344	-7956	-0.11%	-0.002%
114	6.488	6.469	6.551	PH	617	-21145	-0.30%	-0.005%
115	6.556	6.551	6.559	PH	-724	-3582	-0.05%	-0.001%
116	6.574	6.559	6.579	PH	-641	-8211	-0.11%	-0.002%
117	6.584	6.579	6.602	PH	-618	-9530	-0.13%	-0.002%
118	6.621	6.602	6.677	PH	24	-20605	-0.29%	-0.005%
119	6.689	6.677	6.703	PH	-614	-11639	-0.16%	-0.003%
120	6.709	6.703	6.714	PH	-782	-5628	-0.08%	-0.001%
121	6.742	6.714	6.749	PH	-738	-17363	-0.24%	-0.004%
122	6.765	6.749	6.785	PH	-580	-15510	-0.22%	-0.004%
123	6.819	6.785	6.822	PH	-347	-15264	-0.21%	-0.004%
124	6.827	6.822	6.851	PH	-346	-9951	-0.14%	-0.002%
125	6.868	6.851	6.877	PH	-676	-11272	-0.16%	-0.003%
126	6.880	6.877	6.884	PH	-680	-3199	-0.04%	-0.001%
127	6.897	6.884	6.918	PH	-628	-15054	-0.21%	-0.004%
128	6.952	6.918	6.980	PH	753	-4029	-0.06%	-0.001%
129	7.015	6.980	7.069	PH	1246	21655	0.30%	0.005%
130	7.073	7.069	7.099	PH	-81	-3051	-0.04%	-0.001%
131	7.121	7.099	7.139	PH	2642	24466	0.34%	0.006%
132	7.162	7.139	7.235	HH	2745	25639	0.36%	0.006%
133	7.255	7.235	7.272	PH	2570	19722	0.28%	0.005%
134	7.283	7.272	7.307	PH	405	-182	-0.00%	-0.000%
135	7.311	7.307	7.323	PH	-357	-3932	-0.05%	-0.001%
136	7.327	7.323	7.336	PH	-462	-4277	-0.06%	-0.001%
137	7.357	7.336	7.365	PH	-468	-9815	-0.14%	-0.002%
138	7.377	7.365	7.387	PH	-429	-6670	-0.09%	-0.002%
139	7.411	7.387	7.450	PH	539	-8583	-0.12%	-0.002%
140	7.481	7.450	7.497	PH	-323	-13991	-0.20%	-0.003%
141	7.502	7.497	7.510	PH	-460	-4198	-0.06%	-0.001%

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142	7.515	7.510	7.519	PH	-464	-2751	-0.04%	-0.001%
143	7.536	7.519	7.552	PH	-271	-8057	-0.11%	-0.002%
144	7.557	7.552	7.563	PH	-501	-3363	-0.05%	-0.001%
145	7.574	7.563	7.580	PH	-443	-4711	-0.07%	-0.001%
146	7.592	7.580	7.616	PH	-355	-10826	-0.15%	-0.003%
147	7.636	7.616	7.662	PH	-311	-12886	-0.18%	-0.003%
148	7.701	7.662	7.740	PH	1195	-3018	-0.04%	-0.001%
149	7.753	7.740	7.766	PH	-274	-5376	-0.08%	-0.001%
150	7.773	7.766	7.791	PH	-337	-6644	-0.09%	-0.002%
151	7.819	7.791	7.831	PH	412	129	0.00%	0.000%
152	7.846	7.831	7.851	HH	700	5842	0.08%	0.001%
153	7.866	7.851	7.883	HH	1589	16525	0.23%	0.004%
154	7.890	7.883	7.918	HH	255	-64	-0.00%	-0.000%
155	7.931	7.918	7.946	PH	-106	-3428	-0.05%	-0.001%
156	7.949	7.946	7.961	PH	-159	-2324	-0.03%	-0.001%
157	8.015	7.961	8.048	PH	844	19396	0.27%	0.005%
158	8.058	8.048	8.078	PH	234	1067	0.01%	0.000%
159	8.100	8.078	8.147	PH	1160	28084	0.39%	0.007%
160	8.174	8.147	8.197	HH	2058	30744	0.43%	0.007%
161	8.215	8.197	8.229	HH	3129	35194	0.49%	0.008%
162	8.245	8.229	8.262	HH	3414	43656	0.61%	0.010%
163	8.279	8.262	8.340	HH	3723	72159	1.01%	0.017%
164	8.401	8.340	8.434	HH	7622	137006	1.91%	0.032%
165	8.450	8.434	8.475	HH	2630	40562	0.57%	0.009%
166	8.491	8.475	8.495	HH	1372	14223	0.20%	0.003%
167	8.509	8.495	8.527	HH	1818	27099	0.38%	0.006%
168	8.537	8.527	8.545	HH	1257	12790	0.18%	0.003%
169	8.557	8.545	8.600	HH	1419	37578	0.52%	0.009%
170	8.603	8.600	8.614	HH	947	7537	0.11%	0.002%
171	8.647	8.614	8.661	HH	2817	50120	0.70%	0.012%
172	8.695	8.661	8.720	HH	15655	212626	2.97%	0.050%
173	8.747	8.720	8.775	HH	6070	131914	1.84%	0.031%
174	8.782	8.775	8.793	HH	2998	30541	0.43%	0.007%
175	8.811	8.793	8.835	HH	4690	80748	1.13%	0.019%
176	8.859	8.835	8.890	HH	2336	69748	0.97%	0.016%
177	8.934	8.890	8.951	HH	3919	102462	1.43%	0.024%
178	8.968	8.951	8.987	HH	6193	93662	1.31%	0.022%
179	9.002	8.987	9.045	HH	4865	131792	1.84%	0.031%
180	9.053	9.045	9.068	HH	2847	37433	0.52%	0.009%
181	9.078	9.068	9.083	HH	2640	23037	0.32%	0.005%
182	9.101	9.083	9.123	HH	5566	90434	1.26%	0.021%
183	9.144	9.123	9.163	HH	4105	76425	1.07%	0.018%
184	9.180	9.163	9.190	HH	2841	44166	0.62%	0.010%
185	9.191	9.190	9.224	HH	2897	52071	0.73%	0.012%
186	9.258	9.224	9.274	HH	4210	92495	1.29%	0.022%
187	9.289	9.274	9.305	HH	4029	64218	0.90%	0.015%
188	9.316	9.305	9.327	HH	3350	41548	0.58%	0.010%
189	9.341	9.327	9.364	HH	3602	72735	1.01%	0.017%
190	9.394	9.364	9.405	HH	5019	99431	1.39%	0.023%
191	9.422	9.405	9.452	HH	6730	144259	2.01%	0.034%
192	9.478	9.452	9.495	HH	15026	229457	3.20%	0.053%
193	9.499	9.495	9.532	HH	9069	144707	2.02%	0.034%
194	9.557	9.532	9.584	HH	6917	178173	2.49%	0.041%

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195	9.598	9.584	9.611	HH	5926	92826	1.30%	0.022%
196	9.629	9.611	9.648	HH	8159	153864	2.15%	0.036%
197	9.653	9.648	9.667	HH	5750	65309	0.91%	0.015%
198	9.716	9.667	9.738	HH	15273	353806	4.94%	0.082%
199	9.753	9.738	9.775	HH	6784	134098	1.87%	0.031%
200	9.799	9.775	9.809	HH	8984	152707	2.13%	0.036%
201	9.814	9.809	9.837	HH	8363	123871	1.73%	0.029%
202	9.845	9.837	9.862	HH	6972	101085	1.41%	0.024%
203	9.879	9.862	9.887	HH	9215	122551	1.71%	0.029%
204	9.900	9.887	9.914	HH	10121	148352	2.07%	0.035%
205	9.922	9.914	9.950	HH	8987	174813	2.44%	0.041%
206	9.977	9.950	10.030	HH	8374	364535	5.09%	0.085%
207	10.055	10.030	10.067	HH	8124	163527	2.28%	0.038%
208	10.087	10.067	10.111	HH	7828	200582	2.80%	0.047%
209	10.116	10.111	10.123	HH	7623	52952	0.74%	0.012%
210	10.128	10.123	10.136	HH	7556	56877	0.79%	0.013%
211	10.157	10.136	10.168	HH	8690	157979	2.20%	0.037%
212	10.172	10.168	10.175	HH	8373	35602	0.50%	0.008%
213	10.194	10.175	10.200	HH	8583	123672	1.73%	0.029%
214	10.221	10.200	10.250	HH	9862	279948	3.91%	0.065%
215	10.270	10.250	10.289	HH	12516	259665	3.62%	0.060%
216	10.326	10.289	10.342	HH	13597	388037	5.41%	0.090%
217	10.360	10.342	10.383	HH	14524	325406	4.54%	0.076%
218	10.399	10.383	10.421	HH	14257	292959	4.09%	0.068%
219	10.440	10.421	10.457	HH	17848	312127	4.36%	0.073%
220	10.479	10.457	10.493	HH	14952	303981	4.24%	0.071%
221	10.502	10.493	10.511	HH	13987	154280	2.15%	0.036%
222	10.532	10.511	10.540	HH	22548	330134	4.61%	0.077%
223	10.548	10.540	10.584	HH	22380	462504	6.45%	0.108%
224	10.614	10.584	10.627	HH	17733	412130	5.75%	0.096%
225	10.644	10.627	10.658	HH	19061	319949	4.46%	0.074%
226	10.684	10.658	10.715	HH	25441	701557	9.79%	0.163%
227	10.723	10.715	10.729	HH	17890	150308	2.10%	0.035%
228	10.748	10.729	10.767	HH	21190	435623	6.08%	0.101%
229	10.776	10.767	10.797	HH	18728	316780	4.42%	0.074%
230	10.820	10.797	10.831	HH	18431	362387	5.06%	0.084%
231	10.850	10.831	10.856	HH	20154	287737	4.02%	0.067%
232	10.880	10.856	10.930	HH	208769	2914012	40.66%	0.678%
233	10.955	10.930	10.976	HH	57513	980289	13.68%	0.228%
234	10.988	10.976	11.018	HH	26256	590421	8.24%	0.137%
235	11.037	11.018	11.080	HH	34344	917363	12.80%	0.214%
236	11.099	11.080	11.110	HH	22396	387734	5.41%	0.090%
237	11.130	11.110	11.141	HH	25155	439756	6.14%	0.102%
238	11.169	11.141	11.210	HH	42610	1189445	16.60%	0.277%
239	11.286	11.210	11.298	HH	27709	1327332	18.52%	0.309%
240	11.334	11.298	11.354	HH	33380	982898	13.72%	0.229%
241	11.403	11.354	11.455	HH	36688	1788993	24.96%	0.417%
242	11.477	11.455	11.499	HH	44363	908362	12.68%	0.211%
243	11.530	11.499	11.547	HH	31667	848545	11.84%	0.198%
244	11.573	11.547	11.597	HH	35494	951931	13.28%	0.222%
245	11.604	11.597	11.610	HH	30528	240697	3.36%	0.056%
246	11.630	11.610	11.658	HH	32102	873519	12.19%	0.203%

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247	11.681	11.658	11.695	HH	51876	906603	12.65%	0.211%
248	11.712	11.695	11.759	HH	59381	1604862	22.39%	0.374%
249	11.796	11.759	11.815	HH	60766	1540662	21.50%	0.359%
250	11.830	11.815	11.845	HH	50442	805632	11.24%	0.188%
251	11.861	11.845	11.895	HH	55189	1291621	18.02%	0.301%
252	11.900	11.895	11.918	HH	35850	467018	6.52%	0.109%
253	11.945	11.918	11.961	HH	40944	974468	13.60%	0.227%
254	11.969	11.961	11.973	HH	38055	266738	3.72%	0.062%
255	11.999	11.973	12.020	HH	40892	1099868	15.35%	0.256%
256	12.040	12.020	12.060	HH	60529	1175477	16.40%	0.274%
257	12.078	12.060	12.113	HH	45213	1306052	18.22%	0.304%
258	12.117	12.113	12.129	HH	38711	365357	5.10%	0.085%
259	12.151	12.129	12.178	HH	57299	1355573	18.92%	0.316%
260	12.184	12.178	12.192	HH	39492	331715	4.63%	0.077%
261	12.239	12.192	12.266	HH	126257	2769796	38.65%	0.645%
262	12.274	12.266	12.280	HH	41680	330185	4.61%	0.077%
263	12.300	12.280	12.314	HH	43303	853025	11.90%	0.199%
264	12.328	12.314	12.349	HH	42742	864863	12.07%	0.201%
265	12.397	12.349	12.411	HH	45026	1575332	21.98%	0.367%
266	12.423	12.411	12.450	HH	44243	970215	13.54%	0.226%
267	12.472	12.450	12.510	HH	45984	1577078	22.01%	0.367%
268	12.534	12.510	12.560	HH	56918	1452710	20.27%	0.338%
269	12.581	12.560	12.599	HH	57734	1159396	16.18%	0.270%
270	12.620	12.599	12.634	HH	52228	1011399	14.11%	0.235%
271	12.642	12.634	12.666	HH	48744	894971	12.49%	0.208%
272	12.701	12.666	12.732	HH	396547	5594166	78.06%	1.302%
273	12.763	12.732	12.780	HH	46925	1308284	18.26%	0.305%
274	12.797	12.780	12.815	HH	46348	929721	12.97%	0.216%
275	12.854	12.815	12.867	HH	51939	1465763	20.45%	0.341%
276	12.887	12.867	12.895	HH	54943	854401	11.92%	0.199%
277	12.904	12.895	12.944	HH	55403	1444621	20.16%	0.336%
278	13.000	12.944	13.025	HH	336934	5429395	75.76%	1.264%
279	13.052	13.025	13.068	HH	75511	1562730	21.81%	0.364%
280	13.083	13.068	13.107	HH	72867	1361009	18.99%	0.317%
281	13.112	13.107	13.120	HH	46638	373488	5.21%	0.087%
282	13.125	13.120	13.132	HH	46786	313298	4.37%	0.073%
283	13.137	13.132	13.154	HH	47019	612466	8.55%	0.143%
284	13.181	13.154	13.190	HH	57497	1160905	16.20%	0.270%
285	13.193	13.190	13.220	HH	57654	948678	13.24%	0.221%
286	13.265	13.220	13.285	HH	69094	2101568	29.33%	0.489%
287	13.297	13.285	13.315	HH	55886	981078	13.69%	0.228%
288	13.324	13.315	13.330	HH	51480	454093	6.34%	0.106%
289	13.337	13.330	13.370	HH	51440	1177181	16.43%	0.274%
290	13.392	13.370	13.406	HH	58151	1120283	15.63%	0.261%
291	13.430	13.406	13.441	HH	63741	1228200	17.14%	0.286%
292	13.463	13.441	13.499	HH	89770	2216253	30.93%	0.516%
293	13.502	13.499	13.526	HH	49591	793186	11.07%	0.185%
294	13.584	13.526	13.623	HH	86042	3360684	46.89%	0.782%
295	13.628	13.623	13.632	HH	46783	246264	3.44%	0.057%
296	13.648	13.632	13.664	HH	49221	918583	12.82%	0.214%
297	13.692	13.664	13.715	HH	65292	1654200	23.08%	0.385%
298	13.731	13.715	13.755	HH	67866	1405266	19.61%	0.327%
299	13.773	13.755	13.800	HH	55264	1348908	18.82%	0.314%

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300	13.821	13.800	13.832	HH	55368	1013322	14.14%	0.236%
301	13.861	13.832	13.883	HH	65686	1748837	24.40%	0.407%
302	13.903	13.883	13.942	HH	63600	1830092	25.54%	0.426%
303	13.948	13.942	13.952	HH	46422	275994	3.85%	0.064%
304	13.979	13.952	14.003	HH	51754	1470035	20.51%	0.342%
305	14.022	14.003	14.035	HH	48277	924026	12.89%	0.215%
306	14.057	14.035	14.078	HH	50185	1233729	17.22%	0.287%
307	14.088	14.078	14.100	HH	47178	604548	8.44%	0.141%
308	14.107	14.100	14.129	HH	46550	802349	11.20%	0.187%
309	14.146	14.129	14.196	HH	48343	1843357	25.72%	0.429%
310	14.218	14.196	14.239	HH	46935	1178596	16.45%	0.274%
311	14.264	14.239	14.270	HH	50706	898688	12.54%	0.209%
312	14.286	14.270	14.302	HH	51636	968643	13.52%	0.226%
313	14.321	14.302	14.355	HH	74851	1806531	25.21%	0.421%
314	14.396	14.355	14.417	HH	91340	2267375	31.64%	0.528%
315	14.452	14.417	14.473	HH	508748	7166427	100.00%	1.668%
316	14.496	14.473	14.517	HH	71706	1738701	24.26%	0.405%
317	14.522	14.517	14.540	HH	52037	702277	9.80%	0.164%
318	14.562	14.540	14.585	HH	85092	1719579	23.99%	0.400%
319	14.624	14.585	14.664	HH	79158	2832909	39.53%	0.660%
320	14.719	14.664	14.744	HH	229298	4681494	65.33%	1.090%
321	14.760	14.744	14.790	HH	70824	1595076	22.26%	0.371%
322	14.827	14.790	14.845	HH	53865	1567884	21.88%	0.365%
323	14.875	14.845	14.895	HH	207692	3311588	46.21%	0.771%
324	14.917	14.895	14.950	HH	216326	3425791	47.80%	0.798%
325	14.962	14.950	14.992	HH	48996	1183672	16.52%	0.276%
326	15.037	14.992	15.084	HH	78752	2978681	41.56%	0.693%
327	15.118	15.084	15.143	HH	55557	1730249	24.14%	0.403%
328	15.149	15.143	15.155	HH	43571	303650	4.24%	0.071%
329	15.177	15.155	15.200	HH	68708	1522507	21.24%	0.354%
330	15.217	15.200	15.227	HH	53572	822655	11.48%	0.192%
331	15.234	15.227	15.275	HH	53296	1419097	19.80%	0.330%
332	15.305	15.275	15.345	HH	90204	2659397	37.11%	0.619%
333	15.361	15.345	15.394	HH	52783	1412020	19.70%	0.329%
334	15.410	15.394	15.415	HH	46477	573901	8.01%	0.134%
335	15.461	15.415	15.485	HH	94606	2617866	36.53%	0.609%
336	15.499	15.485	15.510	HH	52107	767611	10.71%	0.179%
337	15.545	15.510	15.565	HH	78411	1972034	27.52%	0.459%
338	15.582	15.565	15.613	HH	62497	1540419	21.49%	0.359%
339	15.631	15.613	15.645	HH	49563	900654	12.57%	0.210%
340	15.696	15.645	15.740	HH	62739	3068911	42.82%	0.714%
341	15.783	15.740	15.801	HH	52786	1767272	24.66%	0.411%
342	15.817	15.801	15.845	HH	48840	1208816	16.87%	0.281%
343	15.866	15.845	15.886	HH	50900	1179508	16.46%	0.275%
344	15.907	15.886	15.925	HH	56456	1166711	16.28%	0.272%
345	15.937	15.925	15.961	HH	52681	1075240	15.00%	0.250%
346	15.972	15.961	16.005	HH	50716	1235531	17.24%	0.288%
347	16.016	16.005	16.030	HH	45002	668810	9.33%	0.156%
348	16.042	16.030	16.060	HH	46269	829247	11.57%	0.193%
349	16.074	16.060	16.092	HH	45203	843678	11.77%	0.196%
350	16.141	16.092	16.149	HH	51242	1606003	22.41%	0.374%
351	16.164	16.149	16.200	HH	55800	1546011	21.57%	0.360%

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352	16.218	16.200	16.231	HH	54217	966831	13.49%	0.225%
353	16.247	16.231	16.263	HH	56760	1016261	14.18%	0.237%
354	16.277	16.263	16.289	HH	54394	813041	11.35%	0.189%
355	16.314	16.289	16.327	HH	63184	1329625	18.55%	0.310%
356	16.338	16.327	16.352	HH	63972	912297	12.73%	0.212%
357	16.366	16.352	16.386	HH	67900	1271816	17.75%	0.296%
358	16.435	16.386	16.452	HH	218347	4533491	63.26%	1.055%
359	16.462	16.452	16.490	HH	127260	1997858	27.88%	0.465%
360	16.509	16.490	16.535	HH	63996	1598713	22.31%	0.372%
361	16.560	16.535	16.582	HH	93429	2000587	27.92%	0.466%
362	16.597	16.582	16.610	HH	65819	1060486	14.80%	0.247%
363	16.620	16.610	16.669	HH	61735	2008438	28.03%	0.468%
364	16.686	16.669	16.696	HH	59520	944412	13.18%	0.220%
365	16.755	16.696	16.782	HH	161745	4393306	61.30%	1.023%
366	16.813	16.782	16.851	HH	189132	4022081	56.12%	0.936%
367	16.883	16.851	16.894	HH	65715	1577530	22.01%	0.367%
368	16.913	16.894	16.928	HH	93355	1618682	22.59%	0.377%
369	16.936	16.928	16.991	HH	81759	2565227	35.80%	0.597%
370	17.025	16.991	17.032	HH	59104	1414383	19.74%	0.329%
371	17.058	17.032	17.066	HH	63183	1242282	17.33%	0.289%
372	17.068	17.066	17.093	HH	62536	968921	13.52%	0.226%
373	17.113	17.093	17.133	HH	59289	1362809	19.02%	0.317%
374	17.176	17.133	17.206	HH	67154	2756184	38.46%	0.642%
375	17.213	17.206	17.242	HH	62344	1288931	17.99%	0.300%
376	17.265	17.242	17.282	HH	61958	1443329	20.14%	0.336%
377	17.334	17.282	17.369	HH	74920	3286681	45.86%	0.765%
378	17.394	17.369	17.410	HH	62553	1463010	20.41%	0.341%
379	17.423	17.410	17.445	HH	61702	1246893	17.40%	0.290%
380	17.470	17.445	17.500	HH	70265	2076275	28.97%	0.483%
381	17.516	17.500	17.539	HH	60181	1402029	19.56%	0.326%
382	17.548	17.539	17.554	HH	57405	493786	6.89%	0.115%
383	17.564	17.554	17.581	HH	58658	952957	13.30%	0.222%
384	17.589	17.581	17.593	HH	57593	402800	5.62%	0.094%
385	17.616	17.593	17.634	HH	59502	1438301	20.07%	0.335%
386	17.651	17.634	17.655	HH	58261	726274	10.13%	0.169%
387	17.659	17.655	17.665	HH	58100	336455	4.69%	0.078%
388	17.683	17.665	17.706	HH	60430	1451662	20.26%	0.338%
389	17.735	17.706	17.741	HH	62473	1277084	17.82%	0.297%
390	17.771	17.741	17.785	HH	71355	1740801	24.29%	0.405%
391	17.788	17.785	17.823	HH	68256	1446832	20.19%	0.337%
392	17.868	17.823	17.882	HH	66641	2233570	31.17%	0.520%
393	17.907	17.882	17.927	HH	68466	1735295	24.21%	0.404%
394	17.951	17.927	18.002	HH	76124	3160946	44.11%	0.736%
395	18.038	18.002	18.062	HH	67771	2308839	32.22%	0.538%
396	18.087	18.062	18.110	HH	88414	2162286	30.17%	0.503%
397	18.136	18.110	18.155	HH	84052	2123427	29.63%	0.494%
398	18.184	18.155	18.209	HH	165241	3496115	48.78%	0.814%
399	18.222	18.209	18.247	HH	78026	1720201	24.00%	0.400%
400	18.262	18.247	18.282	HH	73327	1452736	20.27%	0.338%
401	18.311	18.282	18.329	HH	91584	2192550	30.59%	0.510%
402	18.344	18.329	18.368	HH	87988	1885124	26.30%	0.439%
403	18.375	18.368	18.410	HH	72616	1703284	23.77%	0.397%
404	18.438	18.410	18.465	HH	159461	3307219	46.15%	0.770%

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405	18.471	18.465	18.480	HH	66366	583784	8.15%	0.136%
406	18.490	18.480	18.495	HH	67287	605144	8.44%	0.141%
407	18.517	18.495	18.539	HH	72613	1812879	25.30%	0.422%
408	18.568	18.539	18.584	HH	88742	2108927	29.43%	0.491%
409	18.594	18.584	18.636	HH	79660	2249920	31.40%	0.524%
410	18.660	18.636	18.681	HH	69401	1826076	25.48%	0.425%
411	18.700	18.681	18.711	HH	70129	1246386	17.39%	0.290%
412	18.728	18.711	18.759	HH	71630	2004034	27.96%	0.467%
413	18.778	18.759	18.798	HH	73306	1670086	23.30%	0.389%
414	18.814	18.798	18.825	HH	71073	1142295	15.94%	0.266%
415	18.832	18.825	18.838	HH	69885	525029	7.33%	0.122%
416	18.866	18.838	18.890	HH	73184	2236160	31.20%	0.521%
417	18.898	18.890	18.905	HH	70664	627139	8.75%	0.146%
418	18.912	18.905	18.922	HH	68958	685900	9.57%	0.160%
419	18.953	18.922	18.964	HH	80916	1884008	26.29%	0.439%
420	18.969	18.964	18.980	HH	79209	727256	10.15%	0.169%
421	18.984	18.980	18.991	HH	78881	548236	7.65%	0.128%
422	18.997	18.991	19.028	HH	79451	1648857	23.01%	0.384%
423	19.033	19.028	19.040	HH	71298	498700	6.96%	0.116%
424	19.046	19.040	19.063	HH	71559	989439	13.81%	0.230%
425	19.066	19.063	19.075	HH	69770	485298	6.77%	0.113%
426	19.112	19.075	19.131	HH	76751	2489134	34.73%	0.580%
427	19.142	19.131	19.177	HH	75369	1974870	27.56%	0.460%
428	19.187	19.177	19.209	HH	70148	1311733	18.30%	0.305%
429	19.217	19.209	19.222	HH	69410	537332	7.50%	0.125%
430	19.236	19.222	19.240	HH	71105	779156	10.87%	0.181%
431	19.245	19.240	19.258	HH	71443	742149	10.36%	0.173%
432	19.288	19.258	19.301	HH	71773	1824476	25.46%	0.425%
433	19.307	19.301	19.333	HH	71938	1343115	18.74%	0.313%
434	19.384	19.333	19.408	HH	78817	3265537	45.57%	0.760%
435	19.452	19.408	19.473	HH	75684	2884750	40.25%	0.672%
436	19.486	19.473	19.500	HH	73820	1151520	16.07%	0.268%
437	19.524	19.500	19.556	HH	81172	2616841	36.52%	0.609%
438	19.591	19.556	19.623	HH	109197	3531675	49.28%	0.822%
439	19.658	19.623	19.686	HH	109343	3471731	48.44%	0.808%
440	19.714	19.686	19.729	HH	85852	2120437	29.59%	0.494%
441	19.751	19.729	19.811	HH	94782	4126190	57.58%	0.961%
442	19.874	19.811	19.910	HH	84020	4566667	63.72%	1.063%
443	19.970	19.910	20.002	HH	125061	5169788	72.14%	1.204%
444	20.034	20.002	20.061	HH	104516	3297874	46.02%	0.768%
445	20.065	20.061	20.091	HH	86563	1475362	20.59%	0.343%
446	20.113	20.091	20.147	HH	91459	2829250	39.48%	0.659%
447	20.176	20.147	20.189	HH	81219	2018273	28.16%	0.470%
448	20.211	20.189	20.222	HH	81666	1635927	22.83%	0.381%
449	20.229	20.222	20.241	HH	82674	904410	12.62%	0.211%
450	20.245	20.241	20.263	HH	82476	1057581	14.76%	0.246%
451	20.279	20.263	20.291	HH	80672	1350862	18.85%	0.315%
452	20.297	20.291	20.302	HH	80659	538022	7.51%	0.125%
453	20.311	20.302	20.326	HH	81636	1152791	16.09%	0.268%
454	20.327	20.326	20.337	HH	81074	560243	7.82%	0.130%
455	20.343	20.337	20.355	HH	80719	848511	11.84%	0.198%
456	20.378	20.355	20.384	HH	81763	1406714	19.63%	0.328%

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457	20.391	20.384	20.414	HH	82641	1442786	20.13%	0.336%	
458	20.472	20.414	20.499	HH	84427	4189039	58.45%	0.975%	
459	20.502	20.499	20.552	HH	82574	2565817	35.80%	0.597%	
460	20.557	20.552	20.577	HH	77846	1164035	16.24%	0.271%	
461	20.584	20.577	20.589	HH	78182	536855	7.49%	0.125%	
462	20.617	20.589	20.651	HH	79420	2903474	40.51%	0.676%	
463	20.658	20.651	20.664	HH	77735	611871	8.54%	0.142%	
464	20.677	20.664	20.702	HH	78868	1775270	24.77%	0.413%	
465	20.707	20.702	20.722	HH	76538	881984	12.31%	0.205%	
466	20.728	20.722	20.745	HH	75912	1069206	14.92%	0.249%	
467	20.764	20.745	20.812	HH	76495	3038386	42.40%	0.707%	
468	20.820	20.812	20.833	HH	75194	918227	12.81%	0.214%	
469	20.858	20.833	20.875	HH	77620	1918553	26.77%	0.447%	
470	20.879	20.875	20.890	HH	74523	675974	9.43%	0.157%	
471	20.897	20.890	20.940	HH	73076	2162171	30.17%	0.503%	
472	20.946	20.940	20.951	HH	72086	439999	6.14%	0.102%	
473	20.986	20.951	20.990	HH	77416	1766876	24.65%	0.411%	
474	20.998	20.990	21.006	HH	77709	723512	10.10%	0.168%	
475	21.012	21.006	21.027	HH	76841	983964	13.73%	0.229%	
476	21.038	21.027	21.052	HH	74231	1060171	14.79%	0.247%	
477	21.062	21.052	21.071	HH	72753	833415	11.63%	0.194%	
478	21.084	21.071	21.129	HH	75187	2536560	35.40%	0.591%	
479	21.163	21.129	21.177	HH	72374	2062936	28.79%	0.480%	
480	21.198	21.177	21.230	HH	74636	2292360	31.99%	0.534%	
481	21.252	21.230	21.258	HH	72655	1209388	16.88%	0.282%	
482	21.265	21.258	21.267	HH	73587	368769	5.15%	0.086%	
483	21.283	21.267	21.319	HH	77606	2320250	32.38%	0.540%	
484	21.380	21.319	21.402	HH	83916	3854681	53.79%	0.897%	
485	21.409	21.402	21.440	HH	76422	1689304	23.57%	0.393%	
486	21.445	21.440	21.524	HH	72187	3426616	47.81%	0.798%	
487	21.544	21.524	21.567	HH	68930	1738520	24.26%	0.405%	
488	21.590	21.567	21.596	HH	69763	1171696	16.35%	0.273%	
489	21.597	21.596	21.627	HH	69770	1255086	17.51%	0.292%	
490	21.631	21.627	21.642	HH	63608	544571	7.60%	0.127%	
491	21.682	21.642	21.726	HH	75118	3424247	47.78%	0.797%	
492	21.768	21.726	21.801	HH	76989	3166626	44.19%	0.737%	
493	21.818	21.801	21.843	HH	68795	1682511	23.48%	0.392%	
					Sum of corrected areas:				429523171

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