

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032119\
 Data File : FF003940.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2019 19:28
 Sample : K2037-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.213	2.200	2.241	BH	341	4201	0.05%	0.001%
2	2.274	2.241	2.287	PH	1281	11483	0.14%	0.004%
3	2.299	2.287	2.316	HH	351	3354	0.04%	0.001%
4	2.333	2.316	2.357	PH	90	529	0.01%	0.000%
5	2.367	2.357	2.382	HH	484	3265	0.04%	0.001%
6	2.398	2.382	2.417	PH	667	6648	0.08%	0.002%
7	2.424	2.417	2.433	HH	293	1798	0.02%	0.001%
8	2.450	2.433	2.462	HH	712	8248	0.10%	0.003%
9	2.467	2.462	2.475	HH	422	2627	0.03%	0.001%
10	2.489	2.475	2.537	HH	1773	8487	0.10%	0.003%
11	2.540	2.537	2.565	PH	-321	-6970	-0.08%	-0.002%
12	2.593	2.565	2.608	PH	-142	-7430	-0.09%	-0.002%
13	2.622	2.608	2.638	PH	1056	6345	0.08%	0.002%
14	2.653	2.638	2.715	PH	2773	9893	0.12%	0.003%
15	2.722	2.715	2.734	PH	-291	-3906	-0.05%	-0.001%
16	2.747	2.734	2.754	PH	-250	-3998	-0.05%	-0.001%
17	2.771	2.754	2.791	PH	1513	13157	0.16%	0.004%
18	2.804	2.791	2.843	HH	2199	17423	0.21%	0.006%
19	2.855	2.843	2.882	PH	173	-174	-0.00%	-0.000%
20	2.904	2.882	2.919	PH	191	-52	-0.00%	-0.000%
21	2.926	2.919	2.945	PH	-70	-2351	-0.03%	-0.001%
22	2.957	2.945	2.982	PH	1904	13410	0.16%	0.004%
23	2.996	2.982	3.002	PH	-13	-713	-0.01%	-0.000%
24	3.030	3.002	3.047	PH	893	11912	0.14%	0.004%
25	3.060	3.047	3.075	HH	373	3295	0.04%	0.001%
26	3.086	3.075	3.101	PH	242	224	0.00%	0.000%
27	3.114	3.101	3.129	PH	875	4086	0.05%	0.001%
28	3.142	3.129	3.160	PH	938	5408	0.07%	0.002%
29	3.172	3.160	3.185	PH	-42	-1784	-0.02%	-0.001%
30	3.197	3.185	3.206	PH	92	-757	-0.01%	-0.000%
31	3.213	3.206	3.218	PH	-58	-807	-0.01%	-0.000%
32	3.221	3.218	3.227	PH	-115	-766	-0.01%	-0.000%
33	3.254	3.227	3.281	PH	3786	31850	0.39%	0.010%
34	3.310	3.281	3.333	PH	2234	16104	0.20%	0.005%
35	3.355	3.333	3.387	PH	658	736	0.01%	0.000%
36	3.400	3.387	3.412	PH	194	-444	-0.01%	-0.000%

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37	3.423	3.412	3.455	PH	49	-4940	-0.06%	-0.002%
38	3.463	3.455	3.478	PH	-148	-3374	-0.04%	-0.001%
39	3.500	3.478	3.542	PH	2106	21387	0.26%	0.007%
40	3.567	3.542	3.600	PH	1136	7304	0.09%	0.002%
41	3.616	3.600	3.642	PH	4230	33298	0.40%	0.011%
42	3.649	3.642	3.660	PH	-256	-3295	-0.04%	-0.001%
43	3.666	3.660	3.682	PH	-279	-4736	-0.06%	-0.002%
44	3.701	3.682	3.713	PH	2544	18034	0.22%	0.006%
45	3.725	3.713	3.748	HH	2248	29761	0.36%	0.010%
46	3.758	3.748	3.768	HH	876	7724	0.09%	0.003%
47	3.777	3.768	3.800	HH	838	3568	0.04%	0.001%
48	3.831	3.800	3.857	PH	628	-2039	-0.02%	-0.001%
49	3.883	3.857	3.903	PH	1569	11867	0.14%	0.004%
50	3.921	3.903	3.945	HH	1876	20515	0.25%	0.007%
51	3.961	3.945	3.975	HH	1955	20346	0.25%	0.007%
52	3.988	3.975	4.020	HH	1496	22307	0.27%	0.007%
53	4.035	4.020	4.042	HH	946	9457	0.11%	0.003%
54	4.059	4.042	4.085	HH	8152	91175	1.11%	0.030%
55	4.091	4.085	4.114	HH	879	12041	0.15%	0.004%
56	4.130	4.114	4.140	HH	1658	17531	0.21%	0.006%
57	4.164	4.140	4.186	HH	3204	50404	0.61%	0.016%
58	4.233	4.186	4.243	HH	2567	45652	0.55%	0.015%
59	4.256	4.243	4.289	HH	6355	78651	0.95%	0.025%
60	4.312	4.289	4.331	HH	3614	53943	0.65%	0.017%
61	4.339	4.331	4.352	HH	1645	16509	0.20%	0.005%
62	4.357	4.352	4.375	HH	1057	11857	0.14%	0.004%
63	4.387	4.375	4.397	HH	1369	13266	0.16%	0.004%
64	4.416	4.397	4.430	HH	4232	51317	0.62%	0.017%
65	4.439	4.430	4.452	HH	2483	25454	0.31%	0.008%
66	4.460	4.452	4.476	HH	1815	21042	0.26%	0.007%
67	4.493	4.476	4.522	HH	2203	47255	0.57%	0.015%
68	4.556	4.522	4.577	HH	10459	158892	1.93%	0.051%
69	4.589	4.577	4.624	HH	4647	70191	0.85%	0.023%
70	4.635	4.624	4.650	HH	1485	19364	0.24%	0.006%
71	4.665	4.650	4.684	HH	1987	24281	0.29%	0.008%
72	4.695	4.684	4.713	HH	972	8515	0.10%	0.003%
73	4.749	4.713	4.765	PH	5261	67536	0.82%	0.022%
74	4.796	4.765	4.813	HH	6284	103417	1.26%	0.034%
75	4.829	4.813	4.859	HH	4981	63338	0.77%	0.021%
76	4.891	4.859	4.932	HH	21427	334664	4.06%	0.108%
77	4.940	4.932	4.957	HH	3961	45110	0.55%	0.015%
78	4.977	4.957	5.000	HH	5978	87214	1.06%	0.028%
79	5.022	5.000	5.034	HH	5460	72325	0.88%	0.023%
80	5.054	5.034	5.062	HH	5136	76810	0.93%	0.025%
81	5.084	5.062	5.099	HH	11047	171633	2.08%	0.056%
82	5.113	5.099	5.126	HH	7718	108789	1.32%	0.035%
83	5.138	5.126	5.149	HH	6535	79600	0.97%	0.026%
84	5.165	5.149	5.192	HH	12943	184864	2.24%	0.060%
85	5.214	5.192	5.231	HH	5311	102529	1.24%	0.033%
86	5.249	5.231	5.263	HH	7290	104054	1.26%	0.034%
87	5.277	5.263	5.290	HH	10026	114215	1.39%	0.037%
88	5.296	5.290	5.312	HH	5239	50491	0.61%	0.016%
89	5.331	5.312	5.355	HH	6090	101544	1.23%	0.033%

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90	5.376	5.355	5.392	HH	15640	190760	2.32%	0.062%
91	5.399	5.392	5.409	HH	7303	69835	0.85%	0.023%
92	5.420	5.409	5.446	HH	7900	136910	1.66%	0.044%
93	5.462	5.446	5.478	HH	8207	120543	1.46%	0.039%
94	5.496	5.478	5.515	HH	9200	159986	1.94%	0.052%
95	5.532	5.515	5.561	HH	13500	260495	3.16%	0.084%
96	5.580	5.561	5.629	HH	17086	375345	4.56%	0.122%
97	5.645	5.629	5.659	HH	7043	92614	1.12%	0.030%
98	5.672	5.659	5.687	HH	7048	92488	1.12%	0.030%
99	5.706	5.687	5.719	HH	14184	185633	2.25%	0.060%
100	5.727	5.719	5.747	HH	9885	152305	1.85%	0.049%
101	5.756	5.747	5.766	HH	8947	97469	1.18%	0.032%
102	5.804	5.766	5.842	HH	14938	517833	6.29%	0.168%
103	5.849	5.842	5.862	HH	8698	92584	1.12%	0.030%
104	5.870	5.862	5.892	HH	6963	106911	1.30%	0.035%
105	5.917	5.892	5.928	HH	11167	180146	2.19%	0.058%
106	5.941	5.928	5.951	HH	12458	160086	1.94%	0.052%
107	5.962	5.951	5.971	HH	13383	148698	1.81%	0.048%
108	5.991	5.971	6.015	HH	14009	302378	3.67%	0.098%
109	6.060	6.015	6.084	HH	22746	517030	6.28%	0.168%
110	6.094	6.084	6.111	HH	6986	106866	1.30%	0.035%
111	6.144	6.111	6.153	HH	18775	326610	3.97%	0.106%
112	6.164	6.153	6.193	HH	19705	301715	3.66%	0.098%
113	6.225	6.193	6.244	HH	11611	299353	3.63%	0.097%
114	6.265	6.244	6.279	HH	18501	291355	3.54%	0.094%
115	6.283	6.279	6.297	HH	12837	118507	1.44%	0.038%
116	6.318	6.297	6.352	HH	30271	674920	8.19%	0.219%
117	6.379	6.352	6.388	HH	19318	333210	4.05%	0.108%
118	6.398	6.388	6.414	HH	20831	271287	3.29%	0.088%
119	6.437	6.414	6.451	HH	20638	380750	4.62%	0.123%
120	6.461	6.451	6.473	HH	16921	199607	2.42%	0.065%
121	6.488	6.473	6.504	HH	23118	350659	4.26%	0.114%
122	6.511	6.504	6.528	HH	18742	244968	2.97%	0.079%
123	6.544	6.528	6.566	HH	21236	361956	4.39%	0.117%
124	6.585	6.566	6.596	HH	14240	219978	2.67%	0.071%
125	6.609	6.596	6.630	HH	16633	294143	3.57%	0.095%
126	6.662	6.630	6.697	HH	15329	527353	6.40%	0.171%
127	6.713	6.697	6.736	HH	15870	295852	3.59%	0.096%
128	6.748	6.736	6.761	HH	11827	159057	1.93%	0.052%
129	6.792	6.761	6.809	HH	15156	376233	4.57%	0.122%
130	6.827	6.809	6.843	HH	20696	314208	3.81%	0.102%
131	6.866	6.843	6.885	HH	20102	398161	4.83%	0.129%
132	6.901	6.885	6.908	HH	14983	197833	2.40%	0.064%
133	6.925	6.908	6.944	HH	24265	377508	4.58%	0.122%
134	6.962	6.944	6.995	HH	24047	550914	6.69%	0.179%
135	7.030	6.995	7.051	HH	30790	644976	7.83%	0.209%
136	7.058	7.051	7.072	HH	13922	159351	1.93%	0.052%
137	7.084	7.072	7.094	HH	12608	162153	1.97%	0.053%
138	7.116	7.094	7.126	HH	15764	280096	3.40%	0.091%
139	7.157	7.126	7.171	HH	21976	501526	6.09%	0.163%
140	7.181	7.171	7.196	HH	19433	255075	3.10%	0.083%
141	7.214	7.196	7.229	HH	19482	335132	4.07%	0.109%

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142	7.245	7.229	7.259	HH	18780	316378	3.84%	0.103%
143	7.277	7.259	7.308	HH	28853	693138	8.42%	0.225%
144	7.333	7.308	7.365	HH	30481	772396	9.38%	0.250%
145	7.381	7.365	7.401	HH	18526	375164	4.55%	0.122%
146	7.419	7.401	7.442	HH	22615	501592	6.09%	0.163%
147	7.454	7.442	7.485	HH	24645	517566	6.28%	0.168%
148	7.494	7.485	7.507	HH	16315	201445	2.45%	0.065%
149	7.558	7.507	7.584	HH	28423	961228	11.67%	0.311%
150	7.601	7.584	7.637	HH	30199	797721	9.68%	0.258%
151	7.653	7.637	7.664	HH	19983	310026	3.76%	0.100%
152	7.682	7.664	7.704	HH	21943	495862	6.02%	0.161%
153	7.710	7.704	7.720	HH	19702	189757	2.30%	0.061%
154	7.740	7.720	7.759	HH	26734	519810	6.31%	0.168%
155	7.778	7.759	7.807	HH	33880	720328	8.75%	0.233%
156	7.822	7.807	7.839	HH	21287	359953	4.37%	0.117%
157	7.862	7.839	7.879	HH	20431	447269	5.43%	0.145%
158	7.891	7.879	7.896	HH	19232	198110	2.41%	0.064%
159	7.914	7.896	7.940	HH	23363	547291	6.64%	0.177%
160	7.967	7.940	7.999	HH	24209	740669	8.99%	0.240%
161	8.033	7.999	8.049	HH	26936	688192	8.36%	0.223%
162	8.069	8.049	8.092	HH	25600	569752	6.92%	0.185%
163	8.120	8.092	8.129	HH	25424	497767	6.04%	0.161%
164	8.146	8.129	8.156	HH	25444	405554	4.92%	0.131%
165	8.166	8.156	8.187	HH	24986	424933	5.16%	0.138%
166	8.214	8.187	8.232	HH	26323	649311	7.88%	0.210%
167	8.246	8.232	8.263	HH	26603	464666	5.64%	0.151%
168	8.282	8.263	8.310	HH	29657	733453	8.90%	0.238%
169	8.325	8.310	8.347	HH	30778	575176	6.98%	0.186%
170	8.383	8.347	8.415	HH	25600	930811	11.30%	0.302%
171	8.441	8.415	8.459	HH	27607	636087	7.72%	0.206%
172	8.463	8.459	8.465	HH	24841	98451	1.20%	0.032%
173	8.507	8.465	8.546	HH	32029	1338132	16.25%	0.434%
174	8.559	8.546	8.567	HH	28457	351021	4.26%	0.114%
175	8.578	8.567	8.618	HH	30490	871979	10.59%	0.283%
176	8.635	8.618	8.658	HH	30597	668060	8.11%	0.216%
177	8.668	8.658	8.685	HH	26313	411356	4.99%	0.133%
178	8.721	8.685	8.735	HH	28166	798140	9.69%	0.259%
179	8.753	8.735	8.762	HH	29838	464386	5.64%	0.150%
180	8.777	8.762	8.789	HH	34327	519135	6.30%	0.168%
181	8.799	8.789	8.815	HH	33837	504869	6.13%	0.164%
182	8.827	8.815	8.847	HH	30372	545994	6.63%	0.177%
183	8.856	8.847	8.874	HH	28088	436550	5.30%	0.141%
184	8.908	8.874	8.919	HH	32826	830476	10.08%	0.269%
185	8.933	8.919	8.955	HH	36098	730982	8.87%	0.237%
186	8.981	8.955	8.994	HH	32943	726238	8.82%	0.235%
187	9.010	8.994	9.030	HH	34543	690192	8.38%	0.224%
188	9.050	9.030	9.067	HH	36864	734882	8.92%	0.238%
189	9.095	9.067	9.114	HH	39994	960116	11.66%	0.311%
190	9.145	9.114	9.161	HH	35941	939523	11.41%	0.304%
191	9.187	9.161	9.202	HH	34498	830813	10.09%	0.269%
192	9.234	9.202	9.239	HH	35717	753076	9.14%	0.244%
193	9.261	9.239	9.281	HH	40530	935822	11.36%	0.303%
194	9.291	9.281	9.302	HH	35879	448197	5.44%	0.145%

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195	9.340	9.302	9.365	HH	46353	1571173	19.07%	0.509%
196	9.383	9.365	9.399	HH	41984	805489	9.78%	0.261%
197	9.402	9.399	9.405	HH	40530	154256	1.87%	0.050%
198	9.408	9.405	9.416	HH	39945	259994	3.16%	0.084%
199	9.444	9.416	9.449	HH	40229	767384	9.32%	0.249%
200	9.456	9.449	9.475	HH	40034	622069	7.55%	0.202%
201	9.485	9.475	9.510	HH	38823	788609	9.57%	0.256%
202	9.526	9.510	9.540	HH	41166	713701	8.66%	0.231%
203	9.554	9.540	9.569	HH	42506	704745	8.56%	0.228%
204	9.594	9.569	9.624	HH	41210	1320649	16.03%	0.428%
205	9.638	9.624	9.642	HH	39051	421875	5.12%	0.137%
206	9.667	9.642	9.678	HH	44082	901957	10.95%	0.292%
207	9.715	9.678	9.732	HH	46503	1449067	17.59%	0.470%
208	9.750	9.732	9.791	HH	51807	1684530	20.45%	0.546%
209	9.805	9.791	9.831	HH	46794	1077820	13.09%	0.349%
210	9.848	9.831	9.863	HH	46403	852093	10.34%	0.276%
211	9.896	9.863	9.922	HH	52587	1739539	21.12%	0.564%
212	9.971	9.922	9.990	HH	62517	2272327	27.59%	0.736%
213	10.004	9.990	10.051	HH	55711	1829976	22.22%	0.593%
214	10.062	10.051	10.073	HH	49328	646896	7.85%	0.210%
215	10.102	10.073	10.145	HH	58077	2302959	27.96%	0.746%
216	10.197	10.145	10.215	HH	59033	2277100	27.65%	0.738%
217	10.222	10.215	10.238	HH	52711	721707	8.76%	0.234%
218	10.245	10.238	10.260	HH	49788	640509	7.78%	0.208%
219	10.279	10.260	10.285	HH	51031	761954	9.25%	0.247%
220	10.304	10.285	10.346	HH	59835	1996262	24.24%	0.647%
221	10.375	10.346	10.393	HH	55449	1460405	17.73%	0.473%
222	10.409	10.393	10.418	HH	54605	775214	9.41%	0.251%
223	10.439	10.418	10.457	HH	83621	1601646	19.44%	0.519%
224	10.467	10.457	10.489	HH	62806	1116041	13.55%	0.362%
225	10.517	10.489	10.522	HH	54026	1058614	12.85%	0.343%
226	10.536	10.522	10.546	HH	53765	769157	9.34%	0.249%
227	10.567	10.546	10.597	HH	59276	1720235	20.88%	0.557%
228	10.608	10.597	10.649	HH	56282	1643010	19.95%	0.532%
229	10.657	10.649	10.664	HH	51891	484547	5.88%	0.157%
230	10.687	10.664	10.704	HH	56992	1291132	15.68%	0.418%
231	10.714	10.704	10.730	HH	55614	860912	10.45%	0.279%
232	10.765	10.730	10.823	HH	60390	3013808	36.59%	0.977%
233	10.826	10.823	10.833	HH	51043	309700	3.76%	0.100%
234	10.878	10.833	10.921	HH	122485	3612987	43.86%	1.171%
235	10.927	10.921	10.943	HH	52107	653253	7.93%	0.212%
236	10.949	10.943	10.965	HH	50769	673179	8.17%	0.218%
237	10.984	10.965	10.989	HH	53366	732312	8.89%	0.237%
238	11.022	10.989	11.045	HH	133599	2723605	33.07%	0.883%
239	11.075	11.045	11.114	HH	60600	2304156	27.97%	0.747%
240	11.138	11.114	11.154	HH	54646	1260400	15.30%	0.408%
241	11.170	11.154	11.189	HH	56952	1144543	13.90%	0.371%
242	11.231	11.189	11.258	HH	62388	2251581	27.34%	0.730%
243	11.276	11.258	11.292	HH	51947	1033850	12.55%	0.335%
244	11.326	11.292	11.345	HH	53357	1593040	19.34%	0.516%
245	11.358	11.345	11.382	HH	49603	1082669	13.14%	0.351%
246	11.386	11.382	11.399	HH	47844	473097	5.74%	0.153%

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247	11.402	11.399	11.408	HH	47864	276841	3.36%	0.090%
248	11.414	11.408	11.450	HH	47837	1174706	14.26%	0.381%
249	11.456	11.450	11.481	HH	45629	830557	10.08%	0.269%
250	11.512	11.481	11.528	HH	50845	1330971	16.16%	0.431%
251	11.547	11.528	11.575	HH	49409	1371773	16.65%	0.445%
252	11.595	11.575	11.605	HH	47838	835930	10.15%	0.271%
253	11.632	11.605	11.652	HH	67197	1551831	18.84%	0.503%
254	11.664	11.652	11.682	HH	50815	872180	10.59%	0.283%
255	11.714	11.682	11.742	HH	49813	1674337	20.33%	0.543%
256	11.744	11.742	11.752	HH	43649	248461	3.02%	0.081%
257	11.778	11.752	11.810	HH	45658	1571607	19.08%	0.509%
258	11.828	11.810	11.864	HH	47701	1462313	17.75%	0.474%
259	11.894	11.864	11.917	HH	45616	1399697	16.99%	0.454%
260	11.926	11.917	11.939	HH	43285	566969	6.88%	0.184%
261	11.954	11.939	11.967	HH	44089	728804	8.85%	0.236%
262	11.998	11.967	12.036	HH	45504	1802902	21.89%	0.584%
263	12.059	12.036	12.072	HH	43295	918239	11.15%	0.298%
264	12.082	12.072	12.094	HH	42718	553978	6.73%	0.180%
265	12.109	12.094	12.129	HH	44737	914905	11.11%	0.296%
266	12.133	12.129	12.150	HH	43505	562466	6.83%	0.182%
267	12.160	12.150	12.172	HH	42656	540012	6.56%	0.175%
268	12.177	12.172	12.194	HH	42232	553587	6.72%	0.179%
269	12.213	12.194	12.224	HH	42548	760160	9.23%	0.246%
270	12.243	12.224	12.296	HH	44825	1866524	22.66%	0.605%
271	12.306	12.296	12.336	HH	43619	1033969	12.55%	0.335%
272	12.366	12.336	12.384	HH	43035	1194828	14.51%	0.387%
273	12.413	12.384	12.439	HH	42898	1390326	16.88%	0.451%
274	12.442	12.439	12.459	HH	41521	514139	6.24%	0.167%
275	12.484	12.459	12.508	HH	42577	1226991	14.90%	0.398%
276	12.514	12.508	12.517	HH	42188	220169	2.67%	0.071%
277	12.520	12.517	12.524	HH	42011	181557	2.20%	0.059%
278	12.537	12.524	12.570	HH	43647	1161635	14.10%	0.376%
279	12.583	12.570	12.592	HH	41196	528701	6.42%	0.171%
280	12.602	12.592	12.621	HH	41511	713537	8.66%	0.231%
281	12.630	12.621	12.663	HH	40983	1031525	12.52%	0.334%
282	12.685	12.663	12.698	HH	41778	856109	10.39%	0.277%
283	12.721	12.698	12.781	HH	42486	2036096	24.72%	0.660%
284	12.785	12.781	12.792	HH	39817	270980	3.29%	0.088%
285	12.818	12.792	12.828	HH	41209	881063	10.70%	0.286%
286	12.842	12.828	12.865	HH	42411	902110	10.95%	0.292%
287	12.898	12.865	12.930	HH	40525	1549574	18.81%	0.502%
288	12.946	12.930	12.955	HH	39790	590215	7.17%	0.191%
289	12.971	12.955	12.985	HH	39696	723962	8.79%	0.235%
290	13.006	12.985	13.026	HH	39702	959612	11.65%	0.311%
291	13.042	13.026	13.075	HH	39851	1161244	14.10%	0.376%
292	13.098	13.075	13.108	HH	40144	781126	9.48%	0.253%
293	13.118	13.108	13.162	HH	39939	1266419	15.38%	0.410%
294	13.175	13.162	13.194	HH	39133	742221	9.01%	0.241%
295	13.201	13.194	13.207	HH	39306	315548	3.83%	0.102%
296	13.218	13.207	13.239	HH	39390	736432	8.94%	0.239%
297	13.244	13.239	13.264	HH	38363	572142	6.95%	0.185%
298	13.272	13.264	13.294	HH	38054	690677	8.39%	0.224%
299	13.317	13.294	13.325	HH	38254	712721	8.65%	0.231%

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300	13.332	13.325	13.349	HH	38016	524415	6.37%	0.170%
301	13.353	13.349	13.397	HH	37892	1093055	13.27%	0.354%
302	13.412	13.397	13.424	HH	37805	598977	7.27%	0.194%
303	13.444	13.424	13.464	HH	37780	904414	10.98%	0.293%
304	13.472	13.464	13.494	HH	37779	690396	8.38%	0.224%
305	13.508	13.494	13.529	HH	37576	769574	9.34%	0.249%
306	13.543	13.529	13.555	HH	37435	595197	7.23%	0.193%
307	13.564	13.555	13.571	HH	37476	342049	4.15%	0.111%
308	13.576	13.571	13.610	HH	37388	886798	10.77%	0.287%
309	13.627	13.610	13.646	HH	37411	786204	9.54%	0.255%
310	13.653	13.646	13.658	HH	36812	278560	3.38%	0.090%
311	13.678	13.658	13.712	HH	37849	1189836	14.45%	0.386%
312	13.719	13.712	13.730	HH	36436	398424	4.84%	0.129%
313	13.736	13.730	13.750	HH	36173	429575	5.22%	0.139%
314	13.755	13.750	13.760	HH	36051	218831	2.66%	0.071%
315	13.774	13.760	13.781	HH	36262	438573	5.32%	0.142%
316	13.794	13.781	13.872	HH	36575	1976746	24.00%	0.641%
317	13.879	13.872	13.900	HH	35639	581704	7.06%	0.188%
318	13.907	13.900	13.920	HH	35686	442073	5.37%	0.143%
319	13.923	13.920	13.931	HH	35597	230456	2.80%	0.075%
320	13.941	13.931	13.990	HH	35482	1239912	15.05%	0.402%
321	14.003	13.990	14.023	HH	35122	688132	8.35%	0.223%
322	14.042	14.023	14.055	HH	35147	687856	8.35%	0.223%
323	14.070	14.055	14.103	HH	35049	998762	12.13%	0.324%
324	14.111	14.103	14.125	HH	34810	444475	5.40%	0.144%
325	14.138	14.125	14.157	HH	34743	673960	8.18%	0.218%
326	14.170	14.157	14.180	HH	34432	481139	5.84%	0.156%
327	14.190	14.180	14.219	HH	34407	785841	9.54%	0.255%
328	14.245	14.219	14.290	HH	35194	1475146	17.91%	0.478%
329	14.296	14.290	14.306	HH	33731	313700	3.81%	0.102%
330	14.314	14.306	14.320	HH	33810	291835	3.54%	0.095%
331	14.327	14.320	14.334	HH	33911	282205	3.43%	0.091%
332	14.338	14.334	14.350	HH	33695	322651	3.92%	0.105%
333	14.358	14.350	14.377	HH	33527	535157	6.50%	0.173%
334	14.391	14.377	14.417	HH	33644	791260	9.61%	0.256%
335	14.421	14.417	14.429	HH	33289	241470	2.93%	0.078%
336	14.442	14.429	14.447	HH	33406	371878	4.51%	0.121%
337	14.451	14.447	14.458	HH	33183	214168	2.60%	0.069%
338	14.464	14.458	14.478	HH	33172	399893	4.85%	0.130%
339	14.483	14.478	14.509	HH	33098	604677	7.34%	0.196%
340	14.516	14.509	14.547	HH	32957	749401	9.10%	0.243%
341	14.580	14.547	14.652	HH	130643	3400625	41.29%	1.102%
342	14.662	14.652	14.707	HH	31748	1040602	12.63%	0.337%
343	14.709	14.707	14.715	HH	31759	158181	1.92%	0.051%
344	14.721	14.715	14.730	HH	31797	285410	3.47%	0.092%
345	14.759	14.730	14.771	HH	32373	785931	9.54%	0.255%
346	14.783	14.771	14.837	HH	32570	1243945	15.10%	0.403%
347	14.842	14.837	14.855	HH	30808	337834	4.10%	0.109%
348	14.859	14.855	14.894	HH	30737	704677	8.56%	0.228%
349	14.899	14.894	14.921	HH	30609	497072	6.03%	0.161%
350	14.925	14.921	14.952	HH	30379	569572	6.91%	0.185%
351	14.959	14.952	14.975	HH	30266	415869	5.05%	0.135%

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352	14.981	14.975	15.022	HH	30136	837069	10.16%	0.271%
353	15.031	15.022	15.062	HH	29791	705378	8.56%	0.229%
354	15.073	15.062	15.095	HH	29660	585110	7.10%	0.190%
355	15.101	15.095	15.120	HH	29429	452003	5.49%	0.146%
356	15.124	15.120	15.165	HH	29308	770070	9.35%	0.250%
357	15.169	15.165	15.205	HH	29075	692189	8.40%	0.224%
358	15.208	15.205	15.222	HH	28759	301221	3.66%	0.098%
359	15.230	15.222	15.238	HH	28616	269084	3.27%	0.087%
360	15.241	15.238	15.250	HH	28554	203158	2.47%	0.066%
361	15.264	15.250	15.283	HH	28557	567781	6.89%	0.184%
362	15.305	15.283	15.339	HH	29596	957946	11.63%	0.310%
363	15.349	15.339	15.356	HH	27792	290812	3.53%	0.094%
364	15.362	15.356	15.446	HH	27765	1463323	17.77%	0.474%
365	15.450	15.446	15.509	HH	26915	1010183	12.26%	0.327%
366	15.513	15.509	15.582	HH	26449	1159354	14.08%	0.376%
367	15.592	15.582	15.648	HH	26111	1008225	12.24%	0.327%
368	15.652	15.648	15.672	HH	25509	374163	4.54%	0.121%
369	15.675	15.672	15.679	HH	25349	99936	1.21%	0.032%
370	15.683	15.679	15.717	HH	25361	576138	6.99%	0.187%
371	15.724	15.717	15.744	HH	24997	402894	4.89%	0.131%
372	15.749	15.744	15.756	HH	24807	172073	2.09%	0.056%
373	15.761	15.756	15.767	HH	24713	165998	2.02%	0.054%
374	15.773	15.767	15.785	HH	24761	275731	3.35%	0.089%
375	15.808	15.785	15.834	HH	26429	733510	8.91%	0.238%
376	15.837	15.834	15.927	HH	24254	1323759	16.07%	0.429%
377	15.940	15.927	15.985	HH	23362	806603	9.79%	0.261%
378	15.990	15.985	16.039	HH	22855	723148	8.78%	0.234%
379	16.043	16.039	16.061	HH	22467	299150	3.63%	0.097%
380	16.065	16.061	16.090	HH	22288	388416	4.72%	0.126%
381	16.101	16.090	16.120	HH	22129	395751	4.80%	0.128%
382	16.123	16.120	16.152	HH	21825	411192	4.99%	0.133%
383	16.170	16.152	16.233	HH	21567	1034166	12.56%	0.335%
384	16.241	16.233	16.247	HH	20957	178237	2.16%	0.058%
385	16.252	16.247	16.267	HH	20962	238938	2.90%	0.077%
386	16.291	16.267	16.397	HH	23371	1626589	19.75%	0.527%
387	16.402	16.397	16.417	HH	19720	239256	2.90%	0.078%
388	16.423	16.417	16.524	HH	19726	1231217	14.95%	0.399%
389	16.529	16.524	16.565	HH	18796	459624	5.58%	0.149%
390	16.570	16.565	16.619	HH	18457	589647	7.16%	0.191%
391	16.641	16.619	16.694	HH	18395	809559	9.83%	0.262%
392	16.699	16.694	16.705	HH	17627	123124	1.49%	0.040%
393	16.716	16.705	16.724	HH	17676	194493	2.36%	0.063%
394	16.760	16.724	16.790	HH	20960	742900	9.02%	0.241%
395	16.797	16.790	16.866	HH	17378	774332	9.40%	0.251%
396	16.870	16.866	16.942	HH	16926	766534	9.31%	0.248%
397	16.945	16.942	16.991	HH	16540	479566	5.82%	0.155%
398	17.000	16.991	17.025	HH	16370	328270	3.99%	0.106%
399	17.031	17.025	17.080	HH	16309	537045	6.52%	0.174%
400	17.093	17.080	17.109	HH	16236	276550	3.36%	0.090%
401	17.124	17.109	17.165	HH	16243	542980	6.59%	0.176%
402	17.213	17.165	17.260	HH	19689	961295	11.67%	0.312%
403	17.266	17.260	17.273	HH	15685	115499	1.40%	0.037%
404	17.304	17.273	17.440	HH	16327	1538665	18.68%	0.499%

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405	17.444	17.440	17.460	HH	14535	175029	2.12%	0.057%
406	17.470	17.460	17.519	HH	14452	500539	6.08%	0.162%
407	17.525	17.519	17.545	HH	14242	227008	2.76%	0.074%
408	17.549	17.545	17.565	HH	14125	168537	2.05%	0.055%
409	17.567	17.565	17.572	HH	14085	56707	0.69%	0.018%
410	17.576	17.572	17.584	HH	13993	96905	1.18%	0.031%
411	17.587	17.584	17.592	HH	14000	69795	0.85%	0.023%
412	17.599	17.592	17.613	HH	14020	173683	2.11%	0.056%
413	17.649	17.613	17.688	HH	18200	688025	8.35%	0.223%
414	17.697	17.688	17.701	HH	14090	110294	1.34%	0.036%
415	17.706	17.701	17.745	HH	14030	359655	4.37%	0.117%
416	17.750	17.745	17.759	HH	13748	115365	1.40%	0.037%
417	17.765	17.759	17.783	HH	13821	201793	2.45%	0.065%
418	17.789	17.783	17.812	HH	13817	236921	2.88%	0.077%
419	17.818	17.812	17.852	HH	13675	326783	3.97%	0.106%
420	17.861	17.852	17.879	HH	13642	216996	2.63%	0.070%
421	17.919	17.879	17.949	HH	15213	597229	7.25%	0.194%
422	17.967	17.949	17.995	HH	14196	388406	4.72%	0.126%
423	18.011	17.995	18.017	HH	13763	177950	2.16%	0.058%
424	18.074	18.017	18.120	HH	17657	905540	10.99%	0.293%
425	18.129	18.120	18.141	HH	13947	173808	2.11%	0.056%
426	18.148	18.141	18.163	HH	13845	187605	2.28%	0.061%
427	18.172	18.163	18.178	HH	13904	117624	1.43%	0.038%
428	18.180	18.178	18.192	HH	13855	120100	1.46%	0.039%
429	18.207	18.192	18.220	HH	13877	234831	2.85%	0.076%
430	18.246	18.220	18.251	HH	13907	253500	3.08%	0.082%
431	18.262	18.251	18.272	HH	13992	172710	2.10%	0.056%
432	18.278	18.272	18.290	HH	14056	152262	1.85%	0.049%
433	18.321	18.290	18.325	HH	14194	294615	3.58%	0.095%
434	18.331	18.325	18.334	HH	14298	83925	1.02%	0.027%
435	18.339	18.334	18.357	HH	14386	193527	2.35%	0.063%
436	18.363	18.357	18.367	HH	14282	83718	1.02%	0.027%
437	18.383	18.367	18.387	HH	14418	173552	2.11%	0.056%
438	18.392	18.387	18.414	HH	14491	230274	2.80%	0.075%
439	18.490	18.414	18.535	HH	20054	1174061	14.25%	0.380%
440	18.555	18.535	18.563	HH	15342	251768	3.06%	0.082%
441	18.583	18.563	18.589	HH	15514	238191	2.89%	0.077%
442	18.678	18.589	18.682	HH	16250	887571	10.78%	0.288%
443	18.738	18.682	18.752	HH	16944	697653	8.47%	0.226%
444	18.801	18.752	18.809	HH	17237	579231	7.03%	0.188%
445	18.884	18.809	18.927	HH	20144	1291202	15.68%	0.418%
446	18.932	18.927	18.946	HH	17696	195473	2.37%	0.063%
447	18.966	18.946	18.976	HH	17767	322443	3.91%	0.104%
448	18.982	18.976	18.999	HH	17766	246701	3.00%	0.080%
449	19.004	18.999	19.010	HH	17745	118671	1.44%	0.038%
450	19.043	19.010	19.091	HH	21552	932128	11.32%	0.302%
451	19.141	19.091	19.147	HH	19074	626022	7.60%	0.203%
452	19.272	19.147	19.307	HH	23476	1994980	24.22%	0.646%
453	19.341	19.307	19.347	HH	22368	530937	6.45%	0.172%
454	19.388	19.347	19.394	HH	22968	635464	7.71%	0.206%
455	19.400	19.394	19.405	HH	23038	159651	1.94%	0.052%
456	19.442	19.405	19.447	HH	23354	574006	6.97%	0.186%

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457	19.561	19.447	19.597	HH	30200	2292734	27.84%	0.743%
458	19.650	19.597	19.679	HH	27864	1295687	15.73%	0.420%
459	19.696	19.679	19.700	HH	26922	346058	4.20%	0.112%
460	19.713	19.700	19.718	HH	27155	291453	3.54%	0.094%
461	20.054	19.718	20.119	HH	45932	7987102	96.97%	2.588%
462	20.172	20.119	20.195	HH	37806	1690170	20.52%	0.548%
463	20.276	20.195	20.278	HH	38648	1879079	22.81%	0.609%
464	20.377	20.278	20.403	HH	41955	3018070	36.64%	0.978%
465	20.531	20.403	20.567	HH	52872	4422202	53.69%	1.433%
466	20.747	20.567	20.783	HH	49504	6153136	74.70%	1.994%
467	20.791	20.783	20.802	HH	48850	552242	6.70%	0.179%
468	20.899	20.802	20.905	HH	50336	3072560	37.30%	0.996%
469	20.916	20.905	20.920	HH	50551	447674	5.44%	0.145%
470	21.051	20.920	21.142	HH	60467	7087923	86.05%	2.297%
471	21.153	21.142	21.197	HH	51845	1695022	20.58%	0.549%
472	21.202	21.197	21.210	HH	51140	410673	4.99%	0.133%
473	21.217	21.210	21.235	HH	50977	763507	9.27%	0.247%
474	21.240	21.235	21.246	HH	50869	319268	3.88%	0.103%
475	21.260	21.246	21.270	HH	50948	747927	9.08%	0.242%
476	21.277	21.270	21.284	HH	51001	413340	5.02%	0.134%
477	21.288	21.284	21.292	HH	50888	260390	3.16%	0.084%
478	21.315	21.292	21.323	HH	50958	945578	11.48%	0.306%
479	21.435	21.323	21.582	HH	56190	8236854	100.00%	2.669%
480	21.653	21.582	21.690	HHA	58606	3560207	43.22%	1.154%

Sum of corrected areas: 308600418

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