

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080119\
 Data File : FE030206.D
 Signal(s) : FID1B.CH
 Acq On : 01 Aug 2019 10:44
 Sample : K4074-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE071719.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.340	2.305	2.450	BH	268	-52566	-0.08%	-0.004%
2	2.458	2.450	2.500	PH	-1246	-41355	-0.06%	-0.003%
3	2.508	2.500	2.525	PH	-1551	-24241	-0.03%	-0.002%
4	2.541	2.525	2.553	PH	-1475	-27071	-0.04%	-0.002%
5	2.590	2.553	2.623	PH	-841	-62869	-0.09%	-0.004%
6	2.637	2.623	2.653	PH	-916	-29236	-0.04%	-0.002%
7	2.661	2.653	2.743	PH	-1936	-130031	-0.19%	-0.009%
8	2.780	2.743	2.829	PH	-2331	-141966	-0.20%	-0.010%
9	2.858	2.829	2.872	PH	-2622	-74924	-0.11%	-0.005%
10	2.885	2.872	2.899	PH	-2846	-45525	-0.07%	-0.003%
11	2.904	2.899	2.927	PH	-2906	-50762	-0.07%	-0.004%
12	2.961	2.927	2.982	PH	-2705	-95288	-0.14%	-0.007%
13	2.996	2.982	3.040	PH	-2883	-106883	-0.15%	-0.008%
14	3.052	3.040	3.077	PH	-2941	-71471	-0.10%	-0.005%
15	3.123	3.077	3.137	PH	-1977	-103200	-0.15%	-0.007%
16	3.145	3.137	3.221	PH	-2611	-178739	-0.26%	-0.013%
17	3.236	3.221	3.254	PH	-3586	-75575	-0.11%	-0.005%
18	3.264	3.254	3.274	PH	-3899	-46518	-0.07%	-0.003%
19	3.308	3.274	3.372	PH	-1530	-205390	-0.29%	-0.015%
20	3.381	3.372	3.391	PH	-4161	-47621	-0.07%	-0.003%
21	3.411	3.391	3.424	PH	-2585	-68991	-0.10%	-0.005%
22	3.434	3.424	3.454	PH	-3033	-63593	-0.09%	-0.005%
23	3.470	3.454	3.512	PH	-3506	-131045	-0.19%	-0.009%
24	3.523	3.512	3.532	PH	-3914	-51234	-0.07%	-0.004%
25	3.550	3.532	3.589	PH	-1256	-109986	-0.16%	-0.008%
26	3.611	3.589	3.639	PH	-3820	-121382	-0.17%	-0.009%
27	3.652	3.639	3.693	PH	-2292	-106696	-0.15%	-0.008%
28	3.720	3.693	3.752	PH	-2550	-130034	-0.19%	-0.009%
29	3.767	3.752	3.794	PH	-3223	-101239	-0.14%	-0.007%
30	3.811	3.794	3.832	PH	-1771	-80334	-0.11%	-0.006%
31	3.881	3.832	3.909	PH	-1394	-134573	-0.19%	-0.010%
32	3.924	3.909	3.951	PH	-2771	-80507	-0.12%	-0.006%
33	3.970	3.951	3.985	PH	-1894	-50570	-0.07%	-0.004%
34	3.996	3.985	4.017	PH	-1954	-48735	-0.07%	-0.003%
35	4.032	4.017	4.057	PH	-2172	-76840	-0.11%	-0.005%
36	4.114	4.057	4.124	PH	-2440	-139323	-0.20%	-0.010%

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37	4.141	4.124	4.218	PH	-1142	-163205	-0.23%	-0.012%
38	4.244	4.218	4.268	PH	-2496	-105000	-0.15%	-0.007%
39	4.283	4.268	4.304	PH	-3015	-72374	-0.10%	-0.005%
40	4.337	4.304	4.379	PH	2192	-89466	-0.13%	-0.006%
41	4.400	4.379	4.478	PH	500	-110469	-0.16%	-0.008%
42	4.497	4.478	4.508	PH	-2701	-50828	-0.07%	-0.004%
43	4.524	4.508	4.536	PH	-1554	-37256	-0.05%	-0.003%
44	4.545	4.536	4.566	PH	-1966	-42775	-0.06%	-0.003%
45	4.582	4.566	4.596	PH	36	-31410	-0.04%	-0.002%
46	4.609	4.596	4.628	PH	-1192	-43840	-0.06%	-0.003%
47	4.638	4.628	4.679	PH	-2654	-91782	-0.13%	-0.007%
48	4.696	4.679	4.711	PH	-3298	-65599	-0.09%	-0.005%
49	4.740	4.711	4.771	PH	-2248	-104581	-0.15%	-0.007%
50	4.796	4.771	4.862	PH	3690	-75528	-0.11%	-0.005%
51	4.882	4.862	4.915	PH	-2704	-107614	-0.15%	-0.008%
52	4.941	4.915	4.956	PH	-2956	-83859	-0.12%	-0.006%
53	4.966	4.956	4.980	PH	-3248	-51148	-0.07%	-0.004%
54	5.006	4.980	5.022	PH	-991	-60382	-0.09%	-0.004%
55	5.034	5.022	5.055	PH	-1329	-43648	-0.06%	-0.003%
56	5.070	5.055	5.099	PH	-1465	-59150	-0.08%	-0.004%
57	5.112	5.099	5.145	PH	-2792	-92033	-0.13%	-0.007%
58	5.160	5.145	5.197	PH	-3140	-112830	-0.16%	-0.008%
59	5.264	5.197	5.305	PH	-875	-171042	-0.24%	-0.012%
60	5.307	5.305	5.344	PH	-3264	-80939	-0.12%	-0.006%
61	5.378	5.344	5.399	PH	1971	-6880	-0.01%	-0.000%
62	5.414	5.399	5.512	PH	-217	-199143	-0.28%	-0.014%
63	5.534	5.512	5.561	PH	-1718	-92849	-0.13%	-0.007%
64	5.576	5.561	5.594	PH	-3453	-72519	-0.10%	-0.005%
65	5.607	5.594	5.625	PH	-3391	-67297	-0.10%	-0.005%
66	5.654	5.625	5.692	PH	-1797	-102947	-0.15%	-0.007%
67	5.712	5.692	5.734	PH	-1702	-64803	-0.09%	-0.005%
68	5.754	5.734	5.798	PH	-1578	-108077	-0.15%	-0.008%
69	5.826	5.798	5.848	PH	-3373	-109311	-0.16%	-0.008%
70	5.861	5.848	5.898	PH	-3287	-109552	-0.16%	-0.008%
71	5.930	5.898	6.040	PH	38527	650105	0.93%	0.046%
72	6.056	6.040	6.116	PH	384	-61760	-0.09%	-0.004%
73	6.136	6.116	6.170	PH	-1967	-83017	-0.12%	-0.006%
74	6.183	6.170	6.198	PH	-2888	-49647	-0.07%	-0.004%
75	6.209	6.198	6.227	PH	-2961	-53277	-0.08%	-0.004%
76	6.247	6.227	6.272	PH	-2880	-87432	-0.12%	-0.006%
77	6.286	6.272	6.322	PH	-3134	-100312	-0.14%	-0.007%
78	6.339	6.322	6.403	PH	-1139	-152837	-0.22%	-0.011%
79	6.431	6.403	6.448	PH	-3724	-106729	-0.15%	-0.008%
80	6.455	6.448	6.465	PH	-3895	-39614	-0.06%	-0.003%
81	6.482	6.465	6.535	PH	-2121	-146424	-0.21%	-0.010%
82	6.549	6.535	6.566	PH	-3874	-73601	-0.11%	-0.005%
83	6.654	6.566	6.698	PH	-3418	-316889	-0.45%	-0.023%
84	6.714	6.698	6.741	PH	-3788	-102052	-0.15%	-0.007%
85	6.760	6.741	6.772	PH	-3569	-70763	-0.10%	-0.005%
86	6.780	6.772	6.805	PH	-3471	-74766	-0.11%	-0.005%
87	6.851	6.805	6.878	PH	-3304	-158747	-0.23%	-0.011%
88	6.891	6.878	6.907	PH	-3411	-59657	-0.09%	-0.004%
89	6.935	6.907	6.961	PH	-2770	-108048	-0.15%	-0.008%

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90	7.000	6.961	7.090	PH	7601	79024	0.11%	0.006%
91	7.122	7.090	7.193	PH	12283	165712	0.24%	0.012%
92	7.200	7.193	7.237	PH	-1160	-49689	-0.07%	-0.004%
93	7.259	7.237	7.327	PH	1639	-84391	-0.12%	-0.006%
94	7.345	7.327	7.405	PH	-2616	-139165	-0.20%	-0.010%
95	7.442	7.405	7.457	PH	-2686	-92129	-0.13%	-0.007%
96	7.469	7.457	7.483	PH	-2856	-45314	-0.06%	-0.003%
97	7.506	7.483	7.521	PH	-2982	-69482	-0.10%	-0.005%
98	7.541	7.521	7.568	PH	-1686	-75509	-0.11%	-0.005%
99	7.589	7.568	7.608	PH	-2669	-73001	-0.10%	-0.005%
100	7.624	7.608	7.642	PH	-2942	-64594	-0.09%	-0.005%
101	7.675	7.642	7.690	PH	-2356	-82820	-0.12%	-0.006%
102	7.736	7.690	7.802	PH	2347	-25208	-0.04%	-0.002%
103	7.820	7.802	7.854	PH	-842	-48338	-0.07%	-0.003%
104	7.879	7.854	7.927	PH	3778	46045	0.07%	0.003%
105	7.943	7.927	7.961	PH	888	-8864	-0.01%	-0.001%
106	7.994	7.961	8.056	PH	3062	46479	0.07%	0.003%
107	8.079	8.056	8.100	PH	14296	172979	0.25%	0.012%
108	8.123	8.100	8.192	HH	9213	174012	0.25%	0.012%
109	8.215	8.192	8.258	PH	91026	1141737	1.63%	0.081%
110	8.271	8.258	8.333	HH	16757	335711	0.48%	0.024%
111	8.354	8.333	8.437	HH	4726	18230	0.03%	0.001%
112	8.449	8.437	8.466	PH	-1846	-34312	-0.05%	-0.002%
113	8.497	8.466	8.519	PH	-1041	-49085	-0.07%	-0.004%
114	8.544	8.519	8.599	PH	558400	5631150	8.05%	0.402%
115	8.615	8.599	8.645	HH	12399	237310	0.34%	0.017%
116	8.656	8.645	8.679	HH	7497	100717	0.14%	0.007%
117	8.693	8.679	8.760	HH	2708	53799	0.08%	0.004%
118	8.787	8.760	8.807	PH	16502	169197	0.24%	0.012%
119	8.826	8.807	8.929	HH	127342	2089175	2.99%	0.149%
120	8.948	8.929	8.997	HH	8520	197411	0.28%	0.014%
121	9.016	8.997	9.070	HH	5380	103514	0.15%	0.007%
122	9.080	9.070	9.097	HH	159	-2101	-0.00%	-0.000%
123	9.120	9.097	9.150	PH	4520	52228	0.07%	0.004%
124	9.170	9.150	9.213	PH	3104	38009	0.05%	0.003%
125	9.253	9.213	9.295	PH	4648	87543	0.13%	0.006%
126	9.334	9.295	9.393	PH	414703	4811617	6.88%	0.343%
127	9.412	9.393	9.441	HH	18467	340618	0.49%	0.024%
128	9.459	9.441	9.468	HH	16810	177326	0.25%	0.013%
129	9.487	9.468	9.527	HH	51762	801718	1.15%	0.057%
130	9.553	9.527	9.624	HH	28656	600959	0.86%	0.043%
131	9.637	9.624	9.644	HH	2711	28976	0.04%	0.002%
132	9.665	9.644	9.706	HH	39036	624701	0.89%	0.045%
133	9.723	9.706	9.748	HH	10999	166663	0.24%	0.012%
134	9.770	9.748	9.821	HH	41715	844915	1.21%	0.060%
135	9.858	9.821	9.889	HH	14321	433662	0.62%	0.031%
136	9.905	9.889	10.019	HH	9074	370073	0.53%	0.026%
137	10.110	10.019	10.126	HH	5433	159884	0.23%	0.011%
138	10.154	10.126	10.169	HH	4804	104663	0.15%	0.007%
139	10.187	10.169	10.199	HH	6644	98856	0.14%	0.007%
140	10.230	10.199	10.260	HH	37344	676033	0.97%	0.048%
141	10.274	10.260	10.311	HH	17279	321900	0.46%	0.023%

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142	10.339	10.311	10.399	HH	27497	601797	0.86%	0.043%
143	10.443	10.399	10.489	HH	64476	1441041	2.06%	0.103%
144	10.505	10.489	10.522	HH	25632	436739	0.62%	0.031%
145	10.548	10.522	10.640	HH	148629	3023408	4.32%	0.216%
146	10.659	10.640	10.704	HH	18213	401941	0.57%	0.029%
147	10.787	10.704	10.817	HH	2483669	54304560	77.60%	3.872%
148	10.844	10.817	10.905	HH	1106259	12526224	17.90%	0.893%
149	10.941	10.905	11.027	HH	33168	1311933	1.87%	0.094%
150	11.067	11.027	11.154	HH	305721	5653458	8.08%	0.403%
151	11.167	11.154	11.208	HH	31143	565489	0.81%	0.040%
152	11.270	11.208	11.315	HH	70985	1658704	2.37%	0.118%
153	11.346	11.315	11.371	HH	26836	663724	0.95%	0.047%
154	11.411	11.371	11.449	HH	29088	949342	1.36%	0.068%
155	11.460	11.449	11.472	HH	13536	184543	0.26%	0.013%
156	11.491	11.472	11.509	HH	19184	342969	0.49%	0.024%
157	11.551	11.509	11.570	HH	245783	3000648	4.29%	0.214%
158	11.587	11.570	11.623	HH	298566	3650097	5.22%	0.260%
159	11.669	11.623	11.688	HH	622188	7715036	11.02%	0.550%
160	11.703	11.688	11.716	HH	124368	1406973	2.01%	0.100%
161	11.733	11.716	11.819	HH	176166	2897428	4.14%	0.207%
162	11.835	11.819	11.857	HH	35304	550604	0.79%	0.039%
163	11.878	11.857	11.906	HH	30765	698386	1.00%	0.050%
164	11.927	11.906	11.944	HH	29883	575477	0.82%	0.041%
165	11.956	11.944	11.969	HH	31827	408048	0.58%	0.029%
166	11.984	11.969	12.000	HH	179690	2299777	3.29%	0.164%
167	12.016	12.000	12.107	HH	281115	4680440	6.69%	0.334%
168	12.143	12.107	12.196	HH	91428	2248625	3.21%	0.160%
169	12.206	12.196	12.238	HH	17571	413895	0.59%	0.030%
170	12.272	12.238	12.290	HH	42527	851730	1.22%	0.061%
171	12.298	12.290	12.315	HH	26728	352933	0.50%	0.025%
172	12.349	12.315	12.366	HH	51749	944941	1.35%	0.067%
173	12.376	12.366	12.422	HH	33336	818929	1.17%	0.058%
174	12.461	12.422	12.474	HH	85749	1562759	2.23%	0.111%
175	12.490	12.474	12.551	HH	135496	2954430	4.22%	0.211%
176	12.637	12.551	12.674	HH	2487287	69983197	100.00%	4.991%
177	12.700	12.674	12.723	HH	72320	1326166	1.89%	0.095%
178	12.742	12.723	12.757	HH	62283	970797	1.39%	0.069%
179	12.775	12.757	12.802	HH	152022	2173365	3.11%	0.155%
180	12.816	12.802	12.858	HH	70316	1730432	2.47%	0.123%
181	12.937	12.858	12.969	HH	2191810	62722525	89.63%	4.473%
182	12.984	12.969	13.039	HH	467458	6247794	8.93%	0.446%
183	13.068	13.039	13.101	HH	135805	2367220	3.38%	0.169%
184	13.118	13.101	13.142	HH	108099	1815091	2.59%	0.129%
185	13.160	13.142	13.200	HH	232071	3701693	5.29%	0.264%
186	13.210	13.200	13.237	HH	42324	819856	1.17%	0.058%
187	13.259	13.237	13.276	HH	117955	1704247	2.44%	0.122%
188	13.290	13.276	13.322	HH	138226	1957589	2.80%	0.140%
189	13.348	13.322	13.412	HH	206693	4135760	5.91%	0.295%
190	13.486	13.412	13.521	HH	526357	9225816	13.18%	0.658%
191	13.539	13.521	13.561	HH	76941	1183721	1.69%	0.084%
192	13.589	13.561	13.611	HH	465587	5768699	8.24%	0.411%
193	13.631	13.611	13.688	HH	222345	5220504	7.46%	0.372%
194	13.731	13.688	13.742	HH	113817	2598215	3.71%	0.185%

rteres								
195	13.756	13.742	13.780	HH	158676	2316423	3.31%	0.165%
196	13.800	13.780	13.843	HH	146802	2867511	4.10%	0.204%
197	13.858	13.843	13.869	HH	45360	630681	0.90%	0.045%
198	13.943	13.869	13.963	HH	80014	3346498	4.78%	0.239%
199	13.973	13.963	13.981	HH	47003	495477	0.71%	0.035%
200	13.993	13.981	14.033	HH	48834	1265276	1.81%	0.090%
201	14.063	14.033	14.105	HH	46788	1611511	2.30%	0.115%
202	14.141	14.105	14.158	HH	58397	1367721	1.95%	0.098%
203	14.175	14.158	14.186	HH	76708	1090885	1.56%	0.078%
204	14.200	14.186	14.233	HH	72603	1704897	2.44%	0.122%
205	14.265	14.233	14.306	HH	147669	3807455	5.44%	0.272%
206	14.321	14.306	14.344	HH	67411	1331539	1.90%	0.095%
207	14.354	14.344	14.375	HH	47344	804942	1.15%	0.057%
208	14.400	14.375	14.422	HH	261785	3737989	5.34%	0.267%
209	14.444	14.422	14.456	HH	337938	4294203	6.14%	0.306%
210	14.470	14.456	14.501	HH	365351	5006117	7.15%	0.357%
211	14.521	14.501	14.557	HH	224009	4004894	5.72%	0.286%
212	14.596	14.557	14.637	HH	418322	7597100	10.86%	0.542%
213	14.655	14.637	14.721	HH	142910	3532694	5.05%	0.252%
214	14.744	14.721	14.754	HH	78558	1258730	1.80%	0.090%
215	14.804	14.754	14.826	HH	1018460	27668352	39.54%	1.973%
216	14.864	14.826	14.900	HH	1434027	29391488	42.00%	2.096%
217	14.916	14.900	14.928	HH	76654	1199849	1.71%	0.086%
218	14.959	14.928	14.986	HH	536336	7962485	11.38%	0.568%
219	15.000	14.986	15.047	HH	162099	3892478	5.56%	0.278%
220	15.069	15.047	15.107	HH	188867	4178096	5.97%	0.298%
221	15.138	15.107	15.159	HH	249455	5125694	7.32%	0.366%
222	15.175	15.159	15.215	HH	171380	3655918	5.22%	0.261%
223	15.230	15.215	15.243	HH	70865	1125475	1.61%	0.080%
224	15.250	15.243	15.264	HH	68820	849556	1.21%	0.061%
225	15.280	15.264	15.289	HH	74454	1006249	1.44%	0.072%
226	15.338	15.289	15.363	HH	309278	5871206	8.39%	0.419%
227	15.375	15.363	15.400	HH	82321	1750446	2.50%	0.125%
228	15.416	15.400	15.436	HH	102592	1723144	2.46%	0.123%
229	15.463	15.436	15.486	HH	304230	4780333	6.83%	0.341%
230	15.504	15.486	15.540	HH	151432	3776175	5.40%	0.269%
231	15.561	15.540	15.579	HH	180846	2868298	4.10%	0.205%
232	15.606	15.579	15.619	HH	261760	4140165	5.92%	0.295%
233	15.631	15.619	15.668	HH	214097	4166082	5.95%	0.297%
234	15.689	15.668	15.733	HH	184789	4163795	5.95%	0.297%
235	15.773	15.733	15.795	HH	120739	3202581	4.58%	0.228%
236	15.805	15.795	15.826	HH	79052	1339077	1.91%	0.095%
237	15.852	15.826	15.879	HH	82008	2203839	3.15%	0.157%
238	15.895	15.879	15.907	HH	94933	1461075	2.09%	0.104%
239	15.928	15.907	15.992	HH	139620	5079078	7.26%	0.362%
240	16.014	15.992	16.040	HH	107430	2617302	3.74%	0.187%
241	16.056	16.040	16.090	HH	88309	2316975	3.31%	0.165%
242	16.108	16.090	16.122	HH	74046	1327689	1.90%	0.095%
243	16.181	16.122	16.218	HH	154795	5878068	8.40%	0.419%
244	16.232	16.218	16.271	HH	104379	2837843	4.06%	0.202%
245	16.306	16.271	16.341	HH	145659	4547590	6.50%	0.324%
246	16.410	16.341	16.473	HH	1294793	45797646	65.44%	3.266%

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247	16.515	16.473	16.593	HH	420312	11214484	16.02%	0.800%
248	16.659	16.593	16.667	HH	163485	5615806	8.02%	0.400%
249	16.722	16.667	16.747	HH	766859	20655438	29.51%	1.473%
250	16.804	16.747	16.849	HH	1273333	30295723	43.29%	2.160%
251	16.881	16.849	16.937	HH	622788	12172968	17.39%	0.868%
252	16.952	16.937	16.964	HH	127677	1979570	2.83%	0.141%
253	17.003	16.964	17.021	HH	164964	4912565	7.02%	0.350%
254	17.031	17.021	17.041	HH	148782	1731409	2.47%	0.123%
255	17.057	17.041	17.085	HH	161166	3741985	5.35%	0.267%
256	17.153	17.085	17.194	HH	225108	11006612	15.73%	0.785%
257	17.225	17.194	17.249	HH	150805	4299389	6.14%	0.307%
258	17.270	17.249	17.286	HH	159997	3270055	4.67%	0.233%
259	17.299	17.286	17.341	HH	151776	4204296	6.01%	0.300%
260	17.368	17.341	17.387	HH	142508	3476273	4.97%	0.248%
261	17.401	17.387	17.412	HH	136677	1973032	2.82%	0.141%
262	17.435	17.412	17.499	HH	246198	7921893	11.32%	0.565%
263	17.510	17.499	17.524	HH	115597	1685710	2.41%	0.120%
264	17.565	17.524	17.602	HH	136817	5777667	8.26%	0.412%
265	17.620	17.602	17.628	HH	124107	1956657	2.80%	0.140%
266	17.647	17.628	17.675	HH	136387	3406277	4.87%	0.243%
267	17.743	17.675	17.770	HH	165082	7259822	10.37%	0.518%
268	17.786	17.770	17.806	HH	148692	2875329	4.11%	0.205%
269	17.832	17.806	17.855	HH	183802	4360823	6.23%	0.311%
270	17.872	17.855	17.885	HH	145009	2439020	3.49%	0.174%
271	17.902	17.885	17.911	HH	148932	2246914	3.21%	0.160%
272	17.950	17.911	17.969	HH	171498	5421118	7.75%	0.387%
273	17.997	17.969	18.034	HH	191984	6639396	9.49%	0.473%
274	18.070	18.034	18.120	HH	322798	11297248	16.14%	0.806%
275	18.201	18.120	18.227	HH	925748	27421540	39.18%	1.955%
276	18.242	18.227	18.268	HH	208046	4239359	6.06%	0.302%
277	18.296	18.268	18.314	HH	347677	6740178	9.63%	0.481%
278	18.329	18.314	18.370	HH	275451	7432997	10.62%	0.530%
279	18.383	18.370	18.399	HH	162301	2684015	3.84%	0.191%
280	18.460	18.399	18.479	HH	869046	21712217	31.02%	1.548%
281	18.500	18.479	18.524	HH	203106	4941634	7.06%	0.352%
282	18.552	18.524	18.564	HH	214663	4492580	6.42%	0.320%
283	18.586	18.564	18.672	HH	401953	13664577	19.53%	0.974%
284	18.692	18.672	18.725	HH	158329	4592213	6.56%	0.327%
285	18.767	18.725	18.796	HH	173575	6457000	9.23%	0.460%
286	18.818	18.796	18.831	HH	149952	3018532	4.31%	0.215%
287	18.858	18.831	18.886	HH	207889	5881669	8.40%	0.419%
288	18.893	18.886	18.939	HH	180090	5219198	7.46%	0.372%
289	18.961	18.939	18.992	HH	197935	5358444	7.66%	0.382%
290	19.042	18.992	19.068	HH	173481	7372267	10.53%	0.526%
291	19.084	19.068	19.111	HH	184110	4393742	6.28%	0.313%
292	19.133	19.111	19.180	HH	174875	6581582	9.40%	0.469%
293	19.198	19.180	19.234	HH	155345	4734365	6.77%	0.338%
294	19.271	19.234	19.285	HH	148791	4407320	6.30%	0.314%
295	19.315	19.285	19.332	HH	159205	4302531	6.15%	0.307%
296	19.358	19.332	19.371	HH	166561	3743068	5.35%	0.267%
297	19.382	19.371	19.412	HH	163743	3724543	5.32%	0.266%
298	19.445	19.412	19.464	HH	174279	4942706	7.06%	0.352%
299	19.484	19.464	19.504	HH	175593	3989281	5.70%	0.284%

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300	19.519	19.504	19.538	HH	167656	3171860	4.53%	0.226%
301	19.556	19.538	19.570	HH	170906	3188264	4.56%	0.227%
302	19.607	19.570	19.653	HH	417730	14565804	20.81%	1.039%
303	19.683	19.653	19.715	HH	457583	11616480	16.60%	0.828%
304	19.744	19.715	19.773	HH	241263	7425903	10.61%	0.530%
305	19.797	19.773	19.845	HH	246711	9155958	13.08%	0.653%
306	19.858	19.845	19.882	HH	194851	4172061	5.96%	0.298%
307	19.907	19.882	19.964	HH	239141	9504584	13.58%	0.678%
308	20.015	19.964	20.054	HH	525095	17037500	24.35%	1.215%
309	20.079	20.054	20.109	HH	330034	8550330	12.22%	0.610%
310	20.148	20.109	20.174	HH	257490	8977147	12.83%	0.640%
311	20.203	20.174	20.285	HH	211976	12854912	18.37%	0.917%
312	20.311	20.285	20.326	HH	181711	4364008	6.24%	0.311%
313	20.354	20.326	20.411	HH	191907	9150613	13.08%	0.653%
314	20.439	20.411	20.482	HH	182573	7399087	10.57%	0.528%
315	20.500	20.482	20.535	HH	170725	5324474	7.61%	0.380%
316	20.550	20.535	20.565	HH	165318	2928677	4.18%	0.209%
317	20.579	20.565	20.601	HH	161778	3487620	4.98%	0.249%
318	20.632	20.601	20.672	HH	174599	6967242	9.96%	0.497%
319	20.718	20.672	20.780	HH	177404	10784035	15.41%	0.769%
320	20.801	20.780	20.862	HH	164397	7737870	11.06%	0.552%
321	20.900	20.862	20.966	HH	157224	9459102	13.52%	0.675%
322	20.990	20.966	21.019	HH	152168	4737450	6.77%	0.338%
323	21.083	21.019	21.123	HH	183747	10326047	14.76%	0.736%
324	21.146	21.123	21.208	HH	171475	7961735	11.38%	0.568%
325	21.264	21.208	21.335	HH	166576	11500487	16.43%	0.820%
326	21.359	21.335	21.375	HH	160641	3719291	5.31%	0.265%
327	21.395	21.375	21.408	HH	161758	3082471	4.40%	0.220%
328	21.422	21.408	21.438	HH	161456	2882506	4.12%	0.206%
329	21.459	21.438	21.470	HH	185122	3338402	4.77%	0.238%
330	21.507	21.470	21.575	HH	220521	11867077	16.96%	0.846%
331	21.603	21.575	21.669	HH	164298	8506963	12.16%	0.607%
332	21.687	21.669	21.708	HH	153718	3521990	5.03%	0.251%
333	21.733	21.708	21.795	HH	158731	7516045	10.74%	0.536%
334	21.826	21.795	21.866	HH	179275	6798977	9.72%	0.485%
335	21.892	21.866	21.952	HH	179244	8174407	11.68%	0.583%
336	21.981	21.952	22.015	HH	147000	5423925	7.75%	0.387%
337	22.075	22.015	22.226	HH	148386	16740710	23.92%	1.194%
338	22.237	22.226	22.317	HH	118333	6421388	9.18%	0.458%
339	22.360	22.317	22.412	HH	122683	6755147	9.65%	0.482%
340	22.422	22.412	22.485	HH	114805	4877945	6.97%	0.348%
341	22.494	22.485	22.525	HH	109013	2599245	3.71%	0.185%
342	22.545	22.525	22.555	HH	109875	1964036	2.81%	0.140%
343	22.568	22.555	22.608	HH	110312	3458067	4.94%	0.247%
344	22.620	22.608	22.646	HH	106714	2359063	3.37%	0.168%
345	22.655	22.646	22.683	HH	105155	2328156	3.33%	0.166%
346	22.714	22.683	22.782	HH	107428	6167144	8.81%	0.440%
347	22.793	22.782	22.848	HH	101318	4012497	5.73%	0.286%
348	22.856	22.848	22.896	HH	100108	2795939	4.00%	0.199%
349	22.905	22.896	22.935	HH	97816	2307679	3.30%	0.165%
350	22.943	22.935	22.972	HH	97882	2128679	3.04%	0.152%
351	22.991	22.972	23.003	HH	97281	1823882	2.61%	0.130%

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352	23.031	23.003	23.047	HH	98792	2588095	3.70%	0.185%
353	23.082	23.047	23.102	HH	97635	3160331	4.52%	0.225%
354	23.114	23.102	23.165	HH	97919	3639801	5.20%	0.260%
355	23.233	23.165	23.245	HH	96190	4559538	6.52%	0.325%
356	23.255	23.245	23.300	HH	95507	3084233	4.41%	0.220%
357	23.424	23.300	23.478	HH	94396	9906076	14.15%	0.706%
358	23.501	23.478	23.534	HH	92468	3103905	4.44%	0.221%
359	23.547	23.534	23.570	HH	93108	1980232	2.83%	0.141%
360	23.610	23.570	23.719	HH	93375	8139325	11.63%	0.580%
361	23.731	23.719	23.750	HH	90192	1650946	2.36%	0.118%
362	23.761	23.750	23.830	HH	89059	4222671	6.03%	0.301%
363	23.887	23.830	23.921	HH	89582	4785189	6.84%	0.341%
364	23.934	23.921	24.043	HH	88602	6209882	8.87%	0.443%
365	24.052	24.043	24.058	HH	82181	754477	1.08%	0.054%
366	24.077	24.058	24.119	HH	82562	2997973	4.28%	0.214%
367	24.128	24.119	24.137	HH	81919	855428	1.22%	0.061%
368	24.142	24.137	24.154	HH	81467	842794	1.20%	0.060%
369	24.169	24.154	24.182	HH	82432	1366953	1.95%	0.097%
370	24.213	24.182	24.256	HH	82634	3633063	5.19%	0.259%
371	24.266	24.256	24.295	HH	80617	1863939	2.66%	0.133%
372	24.305	24.295	24.375	HH	79958	3795090	5.42%	0.271%
373	24.416	24.375	24.442	HH	80092	3190535	4.56%	0.228%
374	24.463	24.442	24.519	HH	79450	3595600	5.14%	0.256%
375	24.528	24.519	24.539	HH	78227	919245	1.31%	0.066%
376	24.624	24.539	24.635	HH	79543	4525079	6.47%	0.323%
377	24.667	24.635	24.679	HH	79398	2037039	2.91%	0.145%
378	24.694	24.679	24.730	HH	79018	2419472	3.46%	0.173%
379	24.737	24.730	24.792	HH	77210	2837581	4.05%	0.202%
380	24.814	24.792	24.824	HH	76992	1479277	2.11%	0.105%
381	24.833	24.824	24.865	HH	76760	1856565	2.65%	0.132%
382	24.873	24.865	24.899	HH	75479	1490510	2.13%	0.106%
383	24.907	24.899	24.925	HH	74723	1179517	1.69%	0.084%
384	24.934	24.925	24.946	HH	74060	930556	1.33%	0.066%
385	24.969	24.946	24.983	HH	74323	1609791	2.30%	0.115%
386	24.991	24.983	25.019	HH	73534	1563952	2.23%	0.112%
387	25.028	25.019	25.087	HH	72852	2978487	4.26%	0.212%
388	25.144	25.087	25.173	HH	73409	3756046	5.37%	0.268%
389	25.181	25.173	25.222	HH	71487	2057982	2.94%	0.147%
390	25.257	25.222	25.296	HH	71193	3136979	4.48%	0.224%
391	25.305	25.296	25.339	HH	70868	1791488	2.56%	0.128%
392	25.350	25.339	25.367	HH	69997	1176354	1.68%	0.084%
393	25.384	25.367	25.408	HH	69760	1714210	2.45%	0.122%
394	25.416	25.408	25.469	HH	69611	2489724	3.56%	0.178%
395	25.482	25.469	25.493	HH	68990	1015875	1.45%	0.072%
396	25.501	25.493	25.515	HH	68253	888155	1.27%	0.063%
397	25.525	25.515	25.539	HH	69030	956497	1.37%	0.068%
398	25.552	25.539	25.592	HH	68309	2163951	3.09%	0.154%
399	25.599	25.592	25.617	HH	67527	1026948	1.47%	0.073%
400	25.629	25.617	25.702	HHA	68223	3476857	4.97%	0.248%

Sum of corrected areas: 1402313074