

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030921\
 Data File : FE033354.D
 Signal(s) : FID1B.CH
 Acq On : 09 Mar 2021 14:29
 Sample : M1603-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.295	2.252	2.456	BH	-124	-195582	-1.24%	-0.019%
2	2.463	2.456	2.468	PH	-2744	-20858	-0.13%	-0.002%
3	2.471	2.468	2.490	PH	-2842	-41476	-0.26%	-0.004%
4	2.510	2.490	2.534	PH	435	-56199	-0.36%	-0.005%
5	2.548	2.534	2.591	PH	-1119	-116652	-0.74%	-0.011%
6	2.601	2.591	2.621	PH	-4519	-85740	-0.55%	-0.008%
7	2.626	2.621	2.642	PH	-4824	-61800	-0.39%	-0.006%
8	2.645	2.642	2.672	PH	-5000	-90571	-0.58%	-0.009%
9	2.679	2.672	2.701	PH	-5296	-96742	-0.62%	-0.009%
10	2.715	2.701	2.731	PH	-5360	-95912	-0.61%	-0.009%
11	2.743	2.731	2.774	PH	-4813	-138821	-0.88%	-0.014%
12	2.779	2.774	2.800	PH	-5564	-86845	-0.55%	-0.008%
13	2.825	2.800	2.862	PH	-5708	-220218	-1.40%	-0.022%
14	2.877	2.862	2.882	PH	-6003	-72489	-0.46%	-0.007%
15	2.886	2.882	2.896	PH	-6023	-47405	-0.30%	-0.005%
16	2.899	2.896	2.902	PH	-6004	-24138	-0.15%	-0.002%
17	2.907	2.902	2.955	PH	-6013	-199565	-1.27%	-0.019%
18	2.979	2.955	2.997	PH	-6207	-157967	-1.01%	-0.015%
19	3.009	2.997	3.019	PH	-6391	-86992	-0.55%	-0.008%
20	3.023	3.019	3.050	PH	-6433	-121930	-0.78%	-0.012%
21	3.073	3.050	3.085	PH	-6467	-135315	-0.86%	-0.013%
22	3.093	3.085	3.139	PH	-6465	-215835	-1.37%	-0.021%
23	3.156	3.139	3.193	PH	-6639	-221842	-1.41%	-0.022%
24	3.199	3.193	3.209	PH	-6848	-64235	-0.41%	-0.006%
25	3.224	3.209	3.242	PH	-6706	-135303	-0.86%	-0.013%
26	3.247	3.242	3.254	PH	-6735	-46253	-0.29%	-0.005%
27	3.268	3.254	3.323	PH	-6048	-277828	-1.77%	-0.027%
28	3.327	3.323	3.339	PH	-7106	-70361	-0.45%	-0.007%
29	3.343	3.339	3.350	PH	-7187	-48448	-0.31%	-0.005%
30	3.364	3.350	3.368	PH	-7137	-77551	-0.49%	-0.008%
31	3.379	3.368	3.387	PH	-7105	-81498	-0.52%	-0.008%
32	3.392	3.387	3.398	PH	-7086	-44955	-0.29%	-0.004%
33	3.412	3.398	3.417	PH	-7122	-83554	-0.53%	-0.008%
34	3.423	3.417	3.451	PH	-7133	-145121	-0.92%	-0.014%
35	3.469	3.451	3.481	PH	-7098	-132458	-0.84%	-0.013%
36	3.503	3.481	3.512	PH	-7213	-132539	-0.84%	-0.013%

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37	3.524	3.512	3.532	PH	-7267	-89094	-0.57%	-0.009%
38	3.556	3.532	3.576	PH	-6161	-182314	-1.16%	-0.018%
39	3.580	3.576	3.619	PH	-7265	-193928	-1.23%	-0.019%
40	3.648	3.619	3.674	PH	-7299	-245328	-1.56%	-0.024%
41	3.684	3.674	3.714	PH	-7319	-177911	-1.13%	-0.017%
42	3.750	3.714	3.777	PH	-7232	-277323	-1.77%	-0.027%
43	3.792	3.777	3.816	PH	-7384	-174175	-1.11%	-0.017%
44	3.849	3.816	3.904	PH	-6677	-375979	-2.39%	-0.037%
45	3.910	3.904	3.912	PH	-7088	-36770	-0.23%	-0.004%
46	3.920	3.912	3.931	PH	-7076	-80351	-0.51%	-0.008%
47	3.943	3.931	3.948	PH	-7133	-73794	-0.47%	-0.007%
48	3.962	3.948	3.978	PH	-7128	-130138	-0.83%	-0.013%
49	3.983	3.978	3.986	PH	-7317	-34374	-0.22%	-0.003%
50	4.023	3.986	4.031	PH	-3905	-140037	-0.89%	-0.014%
51	4.035	4.031	4.114	PH	-3875	-217762	-1.39%	-0.021%
52	4.116	4.114	4.124	PH	-4831	-28795	-0.18%	-0.003%
53	4.140	4.124	4.157	PH	-4864	-99644	-0.63%	-0.010%
54	4.167	4.157	4.183	PH	-4935	-80427	-0.51%	-0.008%
55	4.188	4.183	4.251	PH	-5283	-232019	-1.48%	-0.023%
56	4.275	4.251	4.297	PH	-5995	-168688	-1.07%	-0.016%
57	4.314	4.297	4.344	PH	-4896	-162042	-1.03%	-0.016%
58	4.347	4.344	4.381	PH	-6274	-144456	-0.92%	-0.014%
59	4.399	4.381	4.426	PH	-6429	-179969	-1.15%	-0.018%
60	4.431	4.426	4.441	PH	-7066	-64976	-0.41%	-0.006%
61	4.469	4.441	4.574	PH	-1382	-474716	-3.02%	-0.046%
62	4.594	4.574	4.627	PH	-6941	-229990	-1.46%	-0.022%
63	4.641	4.627	4.653	PH	-7372	-114503	-0.73%	-0.011%
64	4.657	4.653	4.671	PH	-7409	-81059	-0.52%	-0.008%
65	4.682	4.671	4.708	PH	-7391	-168857	-1.07%	-0.016%
66	4.717	4.708	4.726	PH	-7507	-81879	-0.52%	-0.008%
67	4.742	4.726	4.763	PH	-7450	-164505	-1.05%	-0.016%
68	4.769	4.763	4.789	PH	-7510	-120654	-0.77%	-0.012%
69	4.802	4.789	4.822	PH	-7600	-149240	-0.95%	-0.015%
70	4.826	4.822	4.832	PH	-7571	-46322	-0.29%	-0.005%
71	4.844	4.832	4.854	PH	-7584	-101793	-0.65%	-0.010%
72	4.879	4.854	4.888	PH	-7272	-153709	-0.98%	-0.015%
73	4.906	4.888	4.935	PH	-6905	-198467	-1.26%	-0.019%
74	4.941	4.935	4.968	PH	-7208	-145439	-0.93%	-0.014%
75	4.987	4.968	5.029	PH	-7148	-272513	-1.73%	-0.027%
76	5.047	5.029	5.079	PH	-7079	-219469	-1.40%	-0.021%
77	5.083	5.079	5.086	PH	-7315	-30399	-0.19%	-0.003%
78	5.109	5.086	5.128	PH	-7147	-185085	-1.18%	-0.018%
79	5.135	5.128	5.161	PH	-7161	-141036	-0.90%	-0.014%
80	5.195	5.161	5.218	PH	-6406	-231731	-1.47%	-0.023%
81	5.228	5.218	5.268	PH	-6618	-209037	-1.33%	-0.020%
82	5.286	5.268	5.306	PH	-6931	-162718	-1.04%	-0.016%
83	5.312	5.306	5.321	PH	-7152	-61800	-0.39%	-0.006%
84	5.342	5.321	5.414	PH	-5854	-376675	-2.40%	-0.037%
85	5.415	5.414	5.420	PH	-7071	-27758	-0.18%	-0.003%
86	5.437	5.420	5.443	PH	-6789	-94591	-0.60%	-0.009%
87	5.453	5.443	5.478	PH	-6628	-141429	-0.90%	-0.014%
88	5.527	5.478	5.579	PH	-5641	-380867	-2.42%	-0.037%
89	5.584	5.579	5.612	PH	-6417	-131711	-0.84%	-0.013%

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90	5.617	5.612	5.664	PH	-6708	-213545	-1.36%	-0.021%
91	5.683	5.664	5.710	PH	-6802	-195141	-1.24%	-0.019%
92	5.720	5.710	5.754	PH	-6958	-188520	-1.20%	-0.018%
93	5.789	5.754	5.812	PH	-6657	-246488	-1.57%	-0.024%
94	5.845	5.812	5.856	PH	-7033	-187746	-1.19%	-0.018%
95	5.885	5.856	5.908	PH	-6191	-210045	-1.34%	-0.021%
96	5.931	5.908	5.955	PH	-6250	-186311	-1.19%	-0.018%
97	5.979	5.955	5.988	PH	-6335	-127060	-0.81%	-0.012%
98	5.992	5.988	5.998	PH	-6480	-38425	-0.24%	-0.004%
99	6.033	5.998	6.061	PH	-994	-187680	-1.19%	-0.018%
100	6.068	6.061	6.075	PH	-6313	-50868	-0.32%	-0.005%
101	6.078	6.075	6.087	PH	-6363	-49322	-0.31%	-0.005%
102	6.102	6.087	6.117	PH	-6345	-114919	-0.73%	-0.011%
103	6.142	6.117	6.147	PH	-6243	-114187	-0.73%	-0.011%
104	6.152	6.147	6.168	PH	-6226	-78199	-0.50%	-0.008%
105	6.208	6.168	6.252	PH	-5829	-312214	-1.99%	-0.031%
106	6.265	6.252	6.275	PH	-6410	-92545	-0.59%	-0.009%
107	6.287	6.275	6.296	PH	-6411	-80782	-0.51%	-0.008%
108	6.317	6.296	6.361	PH	-4672	-231625	-1.47%	-0.023%
109	6.402	6.361	6.407	PH	-6574	-188348	-1.20%	-0.018%
110	6.436	6.407	6.447	PH	-6528	-157808	-1.00%	-0.015%
111	6.460	6.447	6.486	PH	-6232	-147225	-0.94%	-0.014%
112	6.492	6.486	6.512	PH	-6400	-102395	-0.65%	-0.010%
113	6.517	6.512	6.523	PH	-6612	-46850	-0.30%	-0.005%
114	6.535	6.523	6.557	PH	-6492	-134100	-0.85%	-0.013%
115	6.603	6.557	6.624	PH	-5842	-256514	-1.63%	-0.025%
116	6.647	6.624	6.655	PH	-6407	-118547	-0.75%	-0.012%
117	6.663	6.655	6.683	PH	-6391	-110844	-0.71%	-0.011%
118	6.689	6.683	6.692	PH	-6478	-33987	-0.22%	-0.003%
119	6.701	6.692	6.721	PH	-6328	-110815	-0.71%	-0.011%
120	6.728	6.721	6.732	PH	-6363	-42515	-0.27%	-0.004%
121	6.765	6.732	6.784	PH	-6131	-194857	-1.24%	-0.019%
122	6.832	6.784	6.843	PH	-5369	-207676	-1.32%	-0.020%
123	6.868	6.843	6.899	PH	-5073	-176912	-1.13%	-0.017%
124	6.915	6.899	6.920	PH	-5108	-67319	-0.43%	-0.007%
125	6.933	6.920	6.952	PH	-4936	-100508	-0.64%	-0.010%
126	6.975	6.952	6.989	PH	-4663	-110585	-0.70%	-0.011%
127	7.012	6.989	7.061	PH	-4007	-210381	-1.34%	-0.021%
128	7.080	7.061	7.086	PH	-5220	-81280	-0.52%	-0.008%
129	7.140	7.086	7.168	PH	-4754	-249453	-1.59%	-0.024%
130	7.184	7.168	7.207	PH	-4805	-122289	-0.78%	-0.012%
131	7.237	7.207	7.280	PH	-2548	-200597	-1.28%	-0.020%
132	7.300	7.280	7.313	PH	-5342	-110874	-0.71%	-0.011%
133	7.319	7.313	7.329	PH	-5529	-52187	-0.33%	-0.005%
134	7.354	7.329	7.373	PH	-5126	-144018	-0.92%	-0.014%
135	7.406	7.373	7.433	PH	-5079	-192351	-1.22%	-0.019%
136	7.450	7.433	7.459	PH	-5144	-80808	-0.51%	-0.008%
137	7.468	7.459	7.474	PH	-5055	-46215	-0.29%	-0.005%
138	7.477	7.474	7.486	PH	-5039	-35958	-0.23%	-0.004%
139	7.519	7.486	7.551	PH	-4098	-188204	-1.20%	-0.018%
140	7.554	7.551	7.558	PH	-5016	-23055	-0.15%	-0.002%
141	7.568	7.558	7.572	PH	-4965	-41696	-0.27%	-0.004%

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142	7.608	7.572	7.626	PH	-4272	-149179	-0.95%	-0.015%
143	7.664	7.626	7.676	PH	-3844	-122691	-0.78%	-0.012%
144	7.688	7.676	7.703	PH	-2654	-53518	-0.34%	-0.005%
145	7.717	7.703	7.731	PH	-3648	-64325	-0.41%	-0.006%
146	7.756	7.731	7.781	PH	-3120	-112243	-0.71%	-0.011%
147	7.801	7.781	7.821	PH	-2617	-86511	-0.55%	-0.008%
148	7.862	7.821	7.887	PH	-1789	-129627	-0.83%	-0.013%
149	7.891	7.887	7.894	PH	-3366	-13938	-0.09%	-0.001%
150	7.925	7.894	7.951	PH	-1756	-102959	-0.66%	-0.010%
151	7.989	7.951	8.000	PH	-2680	-90303	-0.57%	-0.009%
152	8.015	8.000	8.034	PH	-1693	-46785	-0.30%	-0.005%
153	8.048	8.034	8.058	PH	-2491	-38458	-0.24%	-0.004%
154	8.080	8.058	8.088	PH	681	-12872	-0.08%	-0.001%
155	8.106	8.088	8.168	HH	10196	22222	0.14%	0.002%
156	8.190	8.168	8.237	PH	6290	63167	0.40%	0.006%
157	8.244	8.237	8.292	HH	298	-33913	-0.22%	-0.003%
158	8.298	8.292	8.311	PH	-2275	-26511	-0.17%	-0.003%
159	8.343	8.311	8.367	PH	-1389	-66821	-0.43%	-0.007%
160	8.373	8.367	8.389	PH	-2226	-32132	-0.20%	-0.003%
161	8.396	8.389	8.416	PH	-2585	-45450	-0.29%	-0.004%
162	8.437	8.416	8.442	PH	-2471	-43159	-0.27%	-0.004%
163	8.463	8.442	8.495	PH	547	-44912	-0.29%	-0.004%
164	8.536	8.495	8.561	PH	-10	-36001	-0.23%	-0.004%
165	8.592	8.561	8.625	PH	6872	107284	0.68%	0.010%
166	8.640	8.625	8.675	HH	3101	18314	0.12%	0.002%
167	8.694	8.675	8.708	PH	-734	-22886	-0.15%	-0.002%
168	8.738	8.708	8.818	PH	1933	-14342	-0.09%	-0.001%
169	8.848	8.818	8.868	PH	1101	1542	0.01%	0.000%
170	8.873	8.868	8.902	HH	251	-2958	-0.02%	-0.000%
171	8.927	8.902	8.992	PH	6767	41028	0.26%	0.004%
172	9.010	8.992	9.038	PH	-615	-26759	-0.17%	-0.003%
173	9.093	9.038	9.101	PH	-806	-40885	-0.26%	-0.004%
174	9.119	9.101	9.138	PH	-641	-18006	-0.11%	-0.002%
175	9.167	9.138	9.190	PH	289	-14595	-0.09%	-0.001%
176	9.215	9.190	9.244	PH	446	37	0.00%	0.000%
177	9.251	9.244	9.256	PH	-147	-1717	-0.01%	-0.000%
178	9.306	9.256	9.316	PH	4324	57203	0.36%	0.006%
179	9.325	9.316	9.373	HH	3918	111438	0.71%	0.011%
180	9.389	9.373	9.411	HH	3285	55904	0.36%	0.005%
181	9.431	9.411	9.455	HH	2121	46175	0.29%	0.005%
182	9.461	9.455	9.471	HH	1615	14636	0.09%	0.001%
183	9.483	9.471	9.512	HH	2154	34702	0.22%	0.003%
184	9.538	9.512	9.559	HH	4680	74321	0.47%	0.007%
185	9.573	9.559	9.592	HH	2062	30470	0.19%	0.003%
186	9.624	9.592	9.636	HH	3064	50646	0.32%	0.005%
187	9.654	9.636	9.682	HH	4830	97123	0.62%	0.009%
188	9.705	9.682	9.751	HH	9799	188407	1.20%	0.018%
189	9.771	9.751	9.787	HH	3789	68807	0.44%	0.007%
190	9.795	9.787	9.817	HH	3471	57341	0.36%	0.006%
191	9.827	9.817	9.845	HH	3339	48844	0.31%	0.005%
192	9.869	9.845	9.886	HH	3041	71319	0.45%	0.007%
193	9.899	9.886	9.906	HH	3112	34563	0.22%	0.003%
194	9.912	9.906	9.935	HH	3016	51296	0.33%	0.005%

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195	9.947	9.935	9.954	HH	3084	33634	0.21%	0.003%
196	9.975	9.954	9.986	HH	3532	62155	0.40%	0.006%
197	9.991	9.986	9.996	HH	3137	19245	0.12%	0.002%
198	10.035	9.996	10.061	HH	8447	213378	1.36%	0.021%
199	10.092	10.061	10.116	HH	8435	228621	1.46%	0.022%
200	10.128	10.116	10.146	HH	6694	115298	0.73%	0.011%
201	10.160	10.146	10.166	HH	6765	79218	0.50%	0.008%
202	10.181	10.166	10.202	HH	7896	152518	0.97%	0.015%
203	10.224	10.202	10.251	HH	7689	206296	1.31%	0.020%
204	10.260	10.251	10.282	HH	7053	126207	0.80%	0.012%
205	10.321	10.282	10.354	HH	11473	375282	2.39%	0.037%
206	10.368	10.354	10.387	HH	9635	174519	1.11%	0.017%
207	10.407	10.387	10.421	HH	8990	170761	1.09%	0.017%
208	10.443	10.421	10.466	HH	14069	294664	1.88%	0.029%
209	10.479	10.466	10.484	HH	9491	96052	0.61%	0.009%
210	10.515	10.484	10.537	HH	12658	340101	2.16%	0.033%
211	10.570	10.537	10.609	HH	24964	591791	3.77%	0.058%
212	10.626	10.609	10.644	HH	9997	198478	1.26%	0.019%
213	10.660	10.644	10.692	HH	10323	285260	1.82%	0.028%
214	10.745	10.692	10.787	HH	21513	886746	5.64%	0.087%
215	10.793	10.787	10.803	HH	14722	136092	0.87%	0.013%
216	10.808	10.803	10.812	HH	14534	75486	0.48%	0.007%
217	10.820	10.812	10.826	HH	14777	127437	0.81%	0.012%
218	10.837	10.826	10.861	HH	15136	297963	1.90%	0.029%
219	10.864	10.861	10.885	HH	13958	195660	1.25%	0.019%
220	10.911	10.885	10.935	HH	16897	436604	2.78%	0.043%
221	10.951	10.935	10.988	HH	14016	415492	2.64%	0.041%
222	11.035	10.988	11.046	HH	14121	464845	2.96%	0.045%
223	11.050	11.046	11.053	HH	13808	54865	0.35%	0.005%
224	11.077	11.053	11.107	HH	17538	503985	3.21%	0.049%
225	11.147	11.107	11.184	HH	22200	791034	5.03%	0.077%
226	11.199	11.184	11.207	HH	16136	224357	1.43%	0.022%
227	11.233	11.207	11.277	HH	21549	756547	4.82%	0.074%
228	11.323	11.277	11.359	HH	22094	896907	5.71%	0.088%
229	11.378	11.359	11.394	HH	19166	377314	2.40%	0.037%
230	11.408	11.394	11.417	HH	17804	245200	1.56%	0.024%
231	11.438	11.417	11.457	HH	21085	463831	2.95%	0.045%
232	11.467	11.457	11.474	HH	19846	205607	1.31%	0.020%
233	11.488	11.474	11.514	HH	20113	461579	2.94%	0.045%
234	11.545	11.514	11.563	HH	23934	650415	4.14%	0.064%
235	11.579	11.563	11.596	HH	23636	443994	2.83%	0.043%
236	11.601	11.596	11.612	HH	22290	206638	1.32%	0.020%
237	11.632	11.612	11.641	HH	23393	397219	2.53%	0.039%
238	11.655	11.641	11.668	HH	24263	396424	2.52%	0.039%
239	11.685	11.668	11.695	HH	24463	377979	2.41%	0.037%
240	11.721	11.695	11.731	HH	25334	529735	3.37%	0.052%
241	11.750	11.731	11.768	HH	25807	545981	3.47%	0.053%
242	11.815	11.768	11.839	HH	28466	1099297	7.00%	0.107%
243	11.861	11.839	11.867	HH	24937	404954	2.58%	0.040%
244	11.913	11.867	11.931	HH	26559	975514	6.21%	0.095%
245	11.937	11.931	11.959	HH	26743	454262	2.89%	0.044%
246	11.976	11.959	11.981	HH	26188	340920	2.17%	0.033%

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247	12.018	11.981	12.027	HH	29287	762127	4.85%	0.074%
248	12.047	12.027	12.067	HH	35758	784327	4.99%	0.077%
249	12.090	12.067	12.166	HH	52414	2219717	14.13%	0.217%
250	12.170	12.166	12.187	HH	32370	417506	2.66%	0.041%
251	12.196	12.187	12.206	HH	32890	363227	2.31%	0.035%
252	12.239	12.206	12.262	HH	35889	1140947	7.26%	0.111%
253	12.285	12.262	12.295	HH	33818	651341	4.15%	0.064%
254	12.331	12.295	12.346	HH	34634	1022955	6.51%	0.100%
255	12.381	12.346	12.387	HH	37379	875770	5.57%	0.086%
256	12.420	12.387	12.425	HH	39242	859076	5.47%	0.084%
257	12.429	12.425	12.435	HH	39187	251950	1.60%	0.025%
258	12.457	12.435	12.483	HH	45269	1156248	7.36%	0.113%
259	12.490	12.483	12.494	HH	37837	250436	1.59%	0.024%
260	12.499	12.494	12.508	HH	37987	326476	2.08%	0.032%
261	12.518	12.508	12.523	HH	38385	324444	2.06%	0.032%
262	12.527	12.523	12.532	HH	38135	203063	1.29%	0.020%
263	12.555	12.532	12.579	HH	65471	1460056	9.29%	0.143%
264	12.591	12.579	12.634	HH	46938	1383639	8.81%	0.135%
265	12.647	12.634	12.658	HH	40196	567951	3.61%	0.055%
266	12.674	12.658	12.684	HH	39823	628289	4.00%	0.061%
267	12.709	12.684	12.726	HH	43919	1030297	6.56%	0.101%
268	12.738	12.726	12.752	HH	43066	674629	4.29%	0.066%
269	12.780	12.752	12.811	HH	109172	2350684	14.96%	0.230%
270	12.815	12.811	12.823	HH	42309	287700	1.83%	0.028%
271	12.853	12.823	12.885	HH	60308	1925055	12.25%	0.188%
272	12.905	12.885	12.933	HH	61148	1499443	9.54%	0.146%
273	12.959	12.933	12.978	HH	53064	1355948	8.63%	0.132%
274	12.988	12.978	13.011	HH	48505	920486	5.86%	0.090%
275	13.019	13.011	13.036	HH	47909	711842	4.53%	0.070%
276	13.040	13.036	13.048	HH	46906	357381	2.27%	0.035%
277	13.069	13.048	13.080	HH	52485	940385	5.99%	0.092%
278	13.088	13.080	13.116	HH	53340	1108490	7.05%	0.108%
279	13.121	13.116	13.133	HH	50061	497419	3.17%	0.049%
280	13.143	13.133	13.147	HH	49466	432302	2.75%	0.042%
281	13.173	13.147	13.191	HH	51061	1303330	8.30%	0.127%
282	13.204	13.191	13.209	HH	51368	557488	3.55%	0.054%
283	13.215	13.209	13.226	HH	51392	510051	3.25%	0.050%
284	13.231	13.226	13.250	HH	52022	748822	4.77%	0.073%
285	13.256	13.250	13.259	HH	51167	257559	1.64%	0.025%
286	13.266	13.259	13.272	HH	51855	413907	2.63%	0.040%
287	13.287	13.272	13.293	HH	54735	689122	4.39%	0.067%
288	13.319	13.293	13.352	HH	59896	1998375	12.72%	0.195%
289	13.357	13.352	13.369	HH	55442	567366	3.61%	0.055%
290	13.374	13.369	13.389	HH	55122	668938	4.26%	0.065%
291	13.394	13.389	13.402	HH	54931	420057	2.67%	0.041%
292	13.426	13.402	13.461	HH	63420	2084244	13.27%	0.204%
293	13.478	13.461	13.507	HH	62305	1695804	10.79%	0.166%
294	13.514	13.507	13.536	HH	59716	1002511	6.38%	0.098%
295	13.563	13.536	13.569	HH	62346	1213588	7.72%	0.119%
296	13.577	13.569	13.584	HH	62508	545255	3.47%	0.053%
297	13.617	13.584	13.629	HH	67264	1768345	11.25%	0.173%
298	13.652	13.629	13.686	HH	69883	2279056	14.51%	0.223%
299	13.694	13.686	13.699	HH	65790	513420	3.27%	0.050%

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300	13.703	13.699	13.707	HH	65642	294597	1.87%	0.029%
301	13.728	13.707	13.733	HH	67781	1048386	6.67%	0.102%
302	13.737	13.733	13.756	HH	67924	919449	5.85%	0.090%
303	13.775	13.756	13.795	HH	68114	1554110	9.89%	0.152%
304	13.803	13.795	13.813	HH	67189	757319	4.82%	0.074%
305	13.819	13.813	13.829	HH	67244	612099	3.90%	0.060%
306	13.835	13.829	13.842	HH	67568	555538	3.54%	0.054%
307	13.876	13.842	13.887	HH	71033	1866185	11.88%	0.182%
308	13.897	13.887	13.909	HH	71659	933927	5.94%	0.091%
309	13.924	13.909	13.937	HH	70853	1178367	7.50%	0.115%
310	13.958	13.937	13.972	HH	72852	1485242	9.45%	0.145%
311	13.996	13.972	14.000	HH	72394	1204048	7.66%	0.118%
312	14.054	14.000	14.081	HH	87146	3782339	24.07%	0.369%
313	14.086	14.081	14.094	HH	77577	615487	3.92%	0.060%
314	14.104	14.094	14.111	HH	77308	768216	4.89%	0.075%
315	14.116	14.111	14.122	HH	77255	538775	3.43%	0.053%
316	14.161	14.122	14.191	HH	83000	3254674	20.71%	0.318%
317	14.222	14.191	14.246	HH	90582	2771977	17.64%	0.271%
318	14.264	14.246	14.272	HH	85801	1354611	8.62%	0.132%
319	14.279	14.272	14.284	HH	86830	583378	3.71%	0.057%
320	14.289	14.284	14.294	HH	87095	533699	3.40%	0.052%
321	14.319	14.294	14.337	HH	90225	2282188	14.52%	0.223%
322	14.348	14.337	14.364	HH	87532	1382957	8.80%	0.135%
323	14.387	14.364	14.400	HH	87440	1864548	11.87%	0.182%
324	14.416	14.400	14.421	HH	87337	1050971	6.69%	0.103%
325	14.434	14.421	14.452	HH	90473	1703096	10.84%	0.166%
326	14.466	14.452	14.487	HH	94172	1920036	12.22%	0.188%
327	14.496	14.487	14.506	HH	90478	1038478	6.61%	0.101%
328	14.510	14.506	14.520	HH	89605	714278	4.55%	0.070%
329	14.560	14.520	14.591	HH	439109	8738268	55.61%	0.854%
330	14.607	14.591	14.634	HH	101045	2514291	16.00%	0.246%
331	14.656	14.634	14.667	HH	97153	1921534	12.23%	0.188%
332	14.690	14.667	14.702	HH	98210	2037125	12.97%	0.199%
333	14.708	14.702	14.712	HH	99463	549610	3.50%	0.054%
334	14.735	14.712	14.741	HH	103016	1761105	11.21%	0.172%
335	14.762	14.741	14.781	HH	119250	2650800	16.87%	0.259%
336	14.811	14.781	14.835	HH	131944	3803290	24.21%	0.372%
337	14.840	14.835	14.854	HH	105326	1166743	7.43%	0.114%
338	14.885	14.854	14.897	HH	106980	2720411	17.31%	0.266%
339	14.913	14.897	14.931	HH	106573	2102880	13.38%	0.205%
340	14.936	14.931	14.939	HH	104918	522917	3.33%	0.051%
341	14.961	14.939	14.983	HH	109378	2861717	18.21%	0.280%
342	15.017	14.983	15.022	HH	109450	2542451	16.18%	0.248%
343	15.031	15.022	15.050	HH	109543	1780124	11.33%	0.174%
344	15.071	15.050	15.076	HH	111832	1727121	10.99%	0.169%
345	15.079	15.076	15.089	HH	111488	884292	5.63%	0.086%
346	15.100	15.089	15.117	HH	112157	1854500	11.80%	0.181%
347	15.146	15.117	15.189	HH	320178	7900517	50.28%	0.772%
348	15.194	15.189	15.220	HH	122291	2222496	14.15%	0.217%
349	15.282	15.220	15.326	HH	134898	7941697	50.54%	0.776%
350	15.344	15.326	15.365	HH	127665	2874493	18.29%	0.281%
351	15.371	15.365	15.386	HH	120243	1502983	9.57%	0.147%

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352	15.406	15.386	15.416	HH	121144	2108449	13.42%	0.206%
353	15.435	15.416	15.443	HH	121820	1949268	12.41%	0.190%
354	15.449	15.443	15.454	HH	122372	872871	5.56%	0.085%
355	15.475	15.454	15.482	HH	124118	2052826	13.07%	0.201%
356	15.490	15.482	15.509	HH	125119	1963925	12.50%	0.192%
357	15.532	15.509	15.541	HH	125141	2396595	15.25%	0.234%
358	15.545	15.541	15.554	HH	122771	949907	6.05%	0.093%
359	15.576	15.554	15.581	HH	127922	1967697	12.52%	0.192%
360	15.599	15.581	15.616	HH	130253	2676774	17.04%	0.261%
361	15.666	15.616	15.684	HH	135493	5323656	33.88%	0.520%
362	15.689	15.684	15.696	HH	129029	874394	5.57%	0.085%
363	15.710	15.696	15.716	HH	129777	1606843	10.23%	0.157%
364	15.730	15.716	15.742	HH	129610	1960280	12.48%	0.192%
365	15.785	15.742	15.815	HH	148298	5982932	38.08%	0.584%
366	15.848	15.815	15.869	HH	140330	4368406	27.80%	0.427%
367	15.875	15.869	15.888	HH	136206	1552721	9.88%	0.152%
368	15.903	15.888	15.922	HH	137294	2724430	17.34%	0.266%
369	15.937	15.922	15.942	HH	138000	1686567	10.73%	0.165%
370	15.962	15.942	15.982	HH	148580	3372804	21.47%	0.329%
371	15.993	15.982	16.002	HH	142378	1738708	11.07%	0.170%
372	16.022	16.002	16.030	HH	143905	2412862	15.36%	0.236%
373	16.041	16.030	16.060	HH	144699	2567165	16.34%	0.251%
374	16.108	16.060	16.114	HH	149933	4737103	30.15%	0.463%
375	16.117	16.114	16.126	HH	149908	1116189	7.10%	0.109%
376	16.160	16.126	16.190	HH	174700	6072124	38.65%	0.593%
377	16.218	16.190	16.244	HH	159225	4978630	31.69%	0.486%
378	16.266	16.244	16.287	HH	168575	4173664	26.56%	0.408%
379	16.295	16.287	16.314	HH	154949	2459419	15.65%	0.240%
380	16.335	16.314	16.340	HH	162928	2469083	15.71%	0.241%
381	16.353	16.340	16.379	HH	167483	3790337	24.12%	0.370%
382	16.384	16.379	16.400	HH	160682	2054362	13.07%	0.201%
383	16.422	16.400	16.436	HH	164654	3420247	21.77%	0.334%
384	16.442	16.436	16.457	HH	162551	2024949	12.89%	0.198%
385	16.473	16.457	16.482	HH	166938	2504478	15.94%	0.245%
386	16.488	16.482	16.499	HH	164460	1626287	10.35%	0.159%
387	16.503	16.499	16.512	HH	163134	1319829	8.40%	0.129%
388	16.532	16.512	16.545	HH	168629	3257171	20.73%	0.318%
389	16.564	16.545	16.568	HH	165862	2283034	14.53%	0.223%
390	16.584	16.568	16.602	HH	167556	3366528	21.43%	0.329%
391	16.611	16.602	16.621	HH	167748	1821132	11.59%	0.178%
392	16.645	16.621	16.681	HH	170874	5988605	38.11%	0.585%
393	16.739	16.681	16.766	HH	194601	9122097	58.06%	0.891%
394	16.781	16.766	16.794	HH	175853	2999487	19.09%	0.293%
395	16.814	16.794	16.836	HH	180407	4342981	27.64%	0.424%
396	16.851	16.836	16.861	HH	176378	2672693	17.01%	0.261%
397	16.913	16.861	16.926	HH	182953	6844683	43.56%	0.669%
398	16.946	16.926	16.951	HH	184209	2715355	17.28%	0.265%
399	16.968	16.951	16.990	HH	185329	4248096	27.04%	0.415%
400	16.995	16.990	16.999	HH	178717	971494	6.18%	0.095%
401	17.014	16.999	17.019	HH	181213	2192260	13.95%	0.214%
402	17.030	17.019	17.047	HH	182943	3023816	19.25%	0.295%
403	17.060	17.047	17.064	HH	184713	1902553	12.11%	0.186%
404	17.067	17.064	17.073	HH	184145	940856	5.99%	0.092%

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405	17.108	17.073	17.157	HH	191275	9416626	59.93%	0.920%
406	17.186	17.157	17.227	HH	214378	8122065	51.69%	0.793%
407	17.238	17.227	17.261	HH	188786	3917356	24.93%	0.383%
408	17.289	17.261	17.296	HH	192252	3936952	25.06%	0.385%
409	17.307	17.296	17.324	HH	194725	3239675	20.62%	0.316%
410	17.330	17.324	17.333	HH	192197	1026690	6.53%	0.100%
411	17.343	17.333	17.367	HH	194414	3931535	25.02%	0.384%
412	17.380	17.367	17.386	HH	195490	2222868	14.15%	0.217%
413	17.390	17.386	17.419	HH	194237	3756240	23.91%	0.367%
414	17.459	17.419	17.490	HH	197608	8312148	52.90%	0.812%
415	17.514	17.490	17.531	HH	200247	4801167	30.56%	0.469%
416	17.555	17.531	17.561	HH	203898	3621109	23.05%	0.354%
417	17.573	17.561	17.579	HH	205369	2241686	14.27%	0.219%
418	17.585	17.579	17.591	HH	206016	1433484	9.12%	0.140%
419	17.625	17.591	17.642	HH	221611	6542703	41.64%	0.639%
420	17.657	17.642	17.671	HH	205590	3507916	22.33%	0.343%
421	17.717	17.671	17.742	HH	239391	9181812	58.44%	0.897%
422	17.757	17.742	17.772	HH	217842	3895730	24.79%	0.381%
423	17.785	17.772	17.807	HH	213194	4418685	28.12%	0.432%
424	17.810	17.807	17.822	HH	208777	1852364	11.79%	0.181%
425	17.848	17.822	17.852	HH	212907	3804347	24.21%	0.372%
426	17.856	17.852	17.875	HH	212822	2895118	18.43%	0.283%
427	17.886	17.875	17.891	HH	211714	1975342	12.57%	0.193%
428	17.898	17.891	17.906	HH	212492	1952364	12.43%	0.191%
429	17.925	17.906	17.931	HH	217907	3144538	20.01%	0.307%
430	17.946	17.931	17.951	HH	222542	2686177	17.10%	0.262%
431	17.984	17.951	18.029	HH	275154	11154005	70.99%	1.090%
432	18.047	18.029	18.065	HH	235177	4877089	31.04%	0.476%
433	18.072	18.065	18.097	HH	221814	4348095	27.67%	0.425%
434	18.122	18.097	18.136	HH	239445	5287352	33.65%	0.517%
435	18.142	18.136	18.176	HH	233697	5492205	34.96%	0.537%
436	18.180	18.176	18.207	HH	224416	4152481	26.43%	0.406%
437	18.215	18.207	18.219	HH	221865	1615331	10.28%	0.158%
438	18.232	18.219	18.249	HH	224533	4035352	25.68%	0.394%
439	18.267	18.249	18.294	HH	230190	6163563	39.23%	0.602%
440	18.300	18.294	18.304	HH	228026	1327267	8.45%	0.130%
441	18.324	18.304	18.328	HH	233634	3364543	21.41%	0.329%
442	18.334	18.328	18.351	HH	234724	3220935	20.50%	0.315%
443	18.362	18.351	18.385	HH	233383	4622964	29.42%	0.452%
444	18.408	18.385	18.421	HH	238967	5087049	32.38%	0.497%
445	18.446	18.421	18.478	HH	259385	8295680	52.80%	0.810%
446	18.503	18.478	18.520	HH	234634	5874637	37.39%	0.574%
447	18.560	18.520	18.590	HH	262316	10256296	65.28%	1.002%
448	18.605	18.590	18.615	HH	242527	3654036	23.26%	0.357%
449	18.625	18.615	18.639	HH	242192	3437545	21.88%	0.336%
450	18.647	18.639	18.655	HH	238846	2297474	14.62%	0.224%
451	18.661	18.655	18.664	HH	236460	1261298	8.03%	0.123%
452	18.673	18.664	18.686	HH	239207	3027945	19.27%	0.296%
453	18.699	18.686	18.706	HH	242417	2862843	18.22%	0.280%
454	18.709	18.706	18.721	HH	242019	2251975	14.33%	0.220%
455	18.732	18.721	18.739	HH	237697	2434529	15.49%	0.238%
456	18.770	18.739	18.784	HH	248357	6625628	42.17%	0.647%

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457	18.807	18.784	18.840	HH	280037	8678802	55.24%	0.848%
458	18.861	18.840	18.873	HH	259407	5145903	32.75%	0.503%
459	18.879	18.873	18.883	HH	253006	1528474	9.73%	0.149%
460	18.890	18.883	18.898	HH	253624	2166735	13.79%	0.212%
461	18.906	18.898	18.927	HH	252241	4366713	27.79%	0.427%
462	18.946	18.927	18.958	HH	256378	4591464	29.22%	0.449%
463	18.979	18.958	18.995	HH	259931	5661967	36.04%	0.553%
464	19.011	18.995	19.026	HH	262706	4726081	30.08%	0.462%
465	19.058	19.026	19.085	HH	268861	9327583	59.37%	0.911%
466	19.091	19.085	19.100	HH	265753	2345055	14.93%	0.229%
467	19.108	19.100	19.113	HH	259954	2061092	13.12%	0.201%
468	19.122	19.113	19.140	HH	265946	4241860	27.00%	0.414%
469	19.158	19.140	19.173	HH	271830	5167193	32.89%	0.505%
470	19.178	19.173	19.195	HH	259179	3437458	21.88%	0.336%
471	19.205	19.195	19.211	HH	259252	2364662	15.05%	0.231%
472	19.245	19.211	19.254	HH	274886	6964959	44.33%	0.680%
473	19.260	19.254	19.282	HH	270338	4344767	27.65%	0.424%
474	19.307	19.282	19.336	HH	292615	9202948	58.57%	0.899%
475	19.350	19.336	19.368	HH	284330	5392974	34.32%	0.527%
476	19.379	19.368	19.393	HH	282074	4187811	26.65%	0.409%
477	19.410	19.393	19.426	HH	287591	5518547	35.12%	0.539%
478	19.437	19.426	19.452	HH	286979	4415039	28.10%	0.431%
479	19.476	19.452	19.484	HH	286895	5338317	33.98%	0.522%
480	19.501	19.484	19.512	HH	286912	4813671	30.64%	0.470%
481	19.543	19.512	19.553	HH	305379	7211593	45.90%	0.705%
482	19.581	19.553	19.630	HH	346124	14561473	92.68%	1.423%
483	19.636	19.630	19.645	HH	295758	2725694	17.35%	0.266%
484	19.660	19.645	19.668	HH	303455	4069960	25.90%	0.398%
485	19.672	19.668	19.687	HH	301180	3484405	22.18%	0.340%
486	19.692	19.687	19.698	HH	288109	1734757	11.04%	0.169%
487	19.703	19.698	19.709	HH	287993	1920711	12.22%	0.188%
488	19.720	19.709	19.726	HH	291285	2940077	18.71%	0.287%
489	19.749	19.726	19.761	HH	296750	6239671	39.71%	0.610%
490	19.799	19.761	19.814	HH	311272	9483888	60.36%	0.926%
491	19.828	19.814	19.836	HH	307094	3928513	25.00%	0.384%
492	19.844	19.836	19.849	HH	302284	2300698	14.64%	0.225%
493	19.863	19.849	19.892	HH	310690	7765876	49.43%	0.759%
494	19.898	19.892	19.902	HH	299203	1933836	12.31%	0.189%
495	19.916	19.902	19.925	HH	305324	4073689	25.93%	0.398%
496	19.956	19.925	19.971	HH	312911	8471728	53.92%	0.828%
497	19.983	19.971	20.004	HH	310584	6090672	38.76%	0.595%
498	20.031	20.004	20.037	HH	295195	5699724	36.28%	0.557%
499	20.064	20.037	20.077	HH	320696	7375713	46.94%	0.721%
500	20.085	20.077	20.090	HH	315941	2561915	16.31%	0.250%
501	20.096	20.090	20.109	HH	319683	3499605	22.27%	0.342%
502	20.140	20.109	20.149	HH	338122	7840963	49.90%	0.766%
503	20.156	20.149	20.160	HH	329087	2135404	13.59%	0.209%
504	20.168	20.160	20.184	HH	331697	4687411	29.83%	0.458%
505	20.190	20.184	20.195	HH	322738	2160563	13.75%	0.211%
506	20.218	20.195	20.229	HH	331328	6689669	42.58%	0.654%
507	20.240	20.229	20.280	HH	332771	9814718	62.47%	0.959%
508	20.289	20.280	20.298	HH	314110	3382625	21.53%	0.330%
509	20.312	20.298	20.321	HH	317258	4234054	26.95%	0.414%

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510	20.342	20.321	20.350	HH	340693	5760999	36.67%	0.563%
511	20.356	20.350	20.359	HH	325505	1668733	10.62%	0.163%
512	20.374	20.359	20.381	HH	337771	4447346	28.31%	0.434%
513	20.404	20.381	20.427	HH	346062	9395720	59.80%	0.918%
514	20.438	20.427	20.475	HH	337044	9425626	59.99%	0.921%
515	20.497	20.475	20.515	HH	332076	7882336	50.17%	0.770%
516	20.521	20.515	20.539	HH	321023	4313264	27.45%	0.421%
517	20.548	20.539	20.563	HH	304216	4346509	27.66%	0.425%
518	20.570	20.563	20.574	HH	293002	1921332	12.23%	0.188%
519	20.618	20.574	20.627	HH	319982	9732844	61.94%	0.951%
520	20.641	20.627	20.659	HH	331093	6339001	40.34%	0.619%
521	20.668	20.659	20.674	HH	314971	2669967	16.99%	0.261%
522	20.678	20.674	20.689	HH	314870	2944301	18.74%	0.288%
523	20.702	20.689	20.724	HH	314152	6326038	40.26%	0.618%
524	20.733	20.724	20.748	HH	298992	4392955	27.96%	0.429%
525	20.753	20.748	20.777	HH	295216	4895749	31.16%	0.478%
526	20.783	20.777	20.790	HH	286858	2309941	14.70%	0.226%
527	20.802	20.790	20.813	HH	295964	3994883	25.43%	0.390%
528	20.838	20.813	20.842	HH	310938	5214712	33.19%	0.509%
529	20.857	20.842	20.872	HH	317248	5472370	34.83%	0.535%
530	20.879	20.872	20.910	HH	303104	6894667	43.88%	0.674%
531	20.931	20.910	20.937	HH	302498	4878606	31.05%	0.477%
532	20.943	20.937	20.947	HH	302701	1679084	10.69%	0.164%
533	20.961	20.947	20.969	HH	304531	3985585	25.37%	0.389%
534	20.986	20.969	21.061	HH	305038	15712193	100.00%	1.535%
535	21.069	21.061	21.076	HH	260956	2195928	13.98%	0.215%
536	21.109	21.076	21.121	HH	275800	7368924	46.90%	0.720%
537	21.132	21.121	21.145	HH	280256	3964009	25.23%	0.387%
538	21.152	21.145	21.166	HH	278718	3458390	22.01%	0.338%
539	21.201	21.166	21.208	HH	282677	6852380	43.61%	0.669%
540	21.213	21.208	21.233	HH	280953	4109692	26.16%	0.401%
541	21.254	21.233	21.260	HH	273211	4464240	28.41%	0.436%
542	21.268	21.260	21.276	HH	272854	2541778	16.18%	0.248%
543	21.304	21.276	21.310	HH	279631	5616245	35.74%	0.549%
544	21.324	21.310	21.333	HH	284517	3766078	23.97%	0.368%
545	21.338	21.333	21.369	HH	284287	6042874	38.46%	0.590%
546	21.375	21.369	21.420	HH	267619	7884503	50.18%	0.770%
547	21.434	21.420	21.442	HH	251240	3292054	20.95%	0.322%
548	21.448	21.442	21.455	HH	249188	1922784	12.24%	0.188%
549	21.462	21.455	21.474	HH	247025	2762419	17.58%	0.270%
550	21.484	21.474	21.490	HH	250198	2322379	14.78%	0.227%
551	21.501	21.490	21.505	HH	256362	2313008	14.72%	0.226%
552	21.517	21.505	21.522	HH	259463	2599311	16.54%	0.254%
553	21.528	21.522	21.542	HH	261336	3094529	19.70%	0.302%
554	21.549	21.542	21.559	HH	264370	2730513	17.38%	0.267%
555	21.573	21.559	21.617	HH	272384	8997895	57.27%	0.879%
556	21.638	21.617	21.651	HHA	252578	5136216	32.69%	0.502%
					Sum of corrected areas:	1023638867		