

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102120\
 Data File : FE033028.D
 Signal(s) : FID1B.CH
 Acq On : 21 Oct 2020 14:07
 Sample : L4436-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101420.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.329	2.303	2.343	BH	-490	-8960	-0.05%	-0.001%
2	2.351	2.343	2.390	PH	-481	-29309	-0.16%	-0.004%
3	2.395	2.390	2.458	PH	-1606	-82638	-0.45%	-0.011%
4	2.463	2.458	2.526	PH	-2466	-116080	-0.64%	-0.016%
5	2.532	2.526	2.535	PH	-3021	-15468	-0.08%	-0.002%
6	2.539	2.535	2.558	PH	-3021	-44948	-0.25%	-0.006%
7	2.563	2.558	2.570	PH	-3434	-25945	-0.14%	-0.004%
8	2.583	2.570	2.608	PH	-2591	-76244	-0.42%	-0.010%
9	2.616	2.608	2.629	PH	-3666	-47593	-0.26%	-0.006%
10	2.636	2.629	2.648	PH	-3937	-45861	-0.25%	-0.006%
11	2.654	2.648	2.668	PH	-4114	-49049	-0.27%	-0.007%
12	2.671	2.668	2.685	PH	-4261	-45019	-0.25%	-0.006%
13	2.696	2.685	2.758	PH	-4450	-207922	-1.14%	-0.028%
14	2.764	2.758	2.794	PH	-4914	-111445	-0.61%	-0.015%
15	2.807	2.794	2.876	PH	-5004	-268600	-1.47%	-0.036%
16	2.896	2.876	2.956	PH	-4841	-270199	-1.48%	-0.037%
17	2.963	2.956	2.976	PH	-5897	-70900	-0.39%	-0.010%
18	2.979	2.976	3.006	PH	-5998	-113199	-0.62%	-0.015%
19	3.012	3.006	3.027	PH	-6223	-79123	-0.43%	-0.011%
20	3.035	3.027	3.043	PH	-6342	-59565	-0.33%	-0.008%
21	3.044	3.043	3.048	PH	-6453	-21286	-0.12%	-0.003%
22	3.053	3.048	3.062	PH	-6410	-53670	-0.29%	-0.007%
23	3.077	3.062	3.083	PH	-6295	-79490	-0.44%	-0.011%
24	3.097	3.083	3.104	PH	-6134	-78890	-0.43%	-0.011%
25	3.113	3.104	3.139	PH	-5970	-134425	-0.74%	-0.018%
26	3.156	3.139	3.181	PH	-6397	-162731	-0.89%	-0.022%
27	3.185	3.181	3.188	PH	-6580	-30321	-0.17%	-0.004%
28	3.193	3.188	3.213	PH	-6555	-100726	-0.55%	-0.014%
29	3.222	3.213	3.231	PH	-6908	-73463	-0.40%	-0.010%
30	3.248	3.231	3.288	PH	-6416	-227839	-1.25%	-0.031%
31	3.301	3.288	3.325	PH	-6443	-151697	-0.83%	-0.021%
32	3.346	3.325	3.391	PH	-6157	-270838	-1.48%	-0.037%
33	3.402	3.391	3.418	PH	-7296	-117883	-0.65%	-0.016%
34	3.423	3.418	3.444	PH	-7343	-117506	-0.64%	-0.016%
35	3.457	3.444	3.490	PH	-7371	-207889	-1.14%	-0.028%
36	3.507	3.490	3.512	PH	-6971	-94696	-0.52%	-0.013%

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37	3.522	3.512	3.551	PH	-6847	-166933	-0.92%	-0.023%
38	3.555	3.551	3.574	PH	-7388	-104459	-0.57%	-0.014%
39	3.585	3.574	3.590	PH	-7624	-72766	-0.40%	-0.010%
40	3.592	3.590	3.596	PH	-7664	-30615	-0.17%	-0.004%
41	3.638	3.596	3.655	PH	-7000	-260766	-1.43%	-0.035%
42	3.661	3.655	3.697	PH	-7319	-189758	-1.04%	-0.026%
43	3.724	3.697	3.743	PH	-7249	-204411	-1.12%	-0.028%
44	3.748	3.743	3.761	PH	-7406	-81596	-0.45%	-0.011%
45	3.765	3.761	3.775	PH	-7316	-60582	-0.33%	-0.008%
46	3.785	3.775	3.802	PH	-7282	-122857	-0.67%	-0.017%
47	3.819	3.802	3.828	PH	-7023	-109314	-0.60%	-0.015%
48	3.843	3.828	3.859	PH	-7117	-136815	-0.75%	-0.019%
49	3.871	3.859	3.909	PH	-7147	-225882	-1.24%	-0.031%
50	3.911	3.909	3.914	PH	-7724	-23565	-0.13%	-0.003%
51	3.925	3.914	3.967	PH	-7414	-244786	-1.34%	-0.033%
52	3.972	3.967	3.983	PH	-7849	-77797	-0.43%	-0.011%
53	4.007	3.983	4.023	PH	-7406	-180409	-0.99%	-0.024%
54	4.045	4.023	4.158	PH	3298	-236020	-1.29%	-0.032%
55	4.178	4.158	4.269	PH	-2339	-312705	-1.71%	-0.042%
56	4.275	4.269	4.331	PH	-6356	-247244	-1.36%	-0.034%
57	4.343	4.331	4.385	PH	-6602	-226344	-1.24%	-0.031%
58	4.401	4.385	4.427	PH	-5045	-157559	-0.86%	-0.021%
59	4.439	4.427	4.444	PH	-7158	-75966	-0.42%	-0.010%
60	4.452	4.444	4.471	PH	-7158	-118207	-0.65%	-0.016%
61	4.476	4.471	4.481	PH	-7305	-41873	-0.23%	-0.006%
62	4.483	4.481	4.509	PH	-7230	-125064	-0.69%	-0.017%
63	4.513	4.509	4.523	PH	-7373	-60523	-0.33%	-0.008%
64	4.554	4.523	4.607	PH	-3156	-321568	-1.76%	-0.044%
65	4.631	4.607	4.671	PH	-6420	-265607	-1.46%	-0.036%
66	4.682	4.671	4.718	PH	-6664	-200879	-1.10%	-0.027%
67	4.725	4.718	4.731	PH	-7520	-58957	-0.32%	-0.008%
68	4.737	4.731	4.742	PH	-7578	-50663	-0.28%	-0.007%
69	4.752	4.742	4.762	PH	-7562	-92337	-0.51%	-0.013%
70	4.778	4.762	4.809	PH	-7277	-207434	-1.14%	-0.028%
71	4.833	4.809	4.846	PH	-7409	-168143	-0.92%	-0.023%
72	4.855	4.846	4.864	PH	-7549	-84315	-0.46%	-0.011%
73	4.871	4.864	4.909	PH	-7576	-206021	-1.13%	-0.028%
74	4.913	4.909	4.929	PH	-7698	-94678	-0.52%	-0.013%
75	4.932	4.929	4.955	PH	-7706	-122600	-0.67%	-0.017%
76	4.960	4.955	4.969	PH	-7804	-64266	-0.35%	-0.009%
77	4.995	4.969	5.021	PH	-7010	-232371	-1.27%	-0.032%
78	5.039	5.021	5.054	PH	-7626	-151102	-0.83%	-0.021%
79	5.082	5.054	5.102	PH	-7250	-216656	-1.19%	-0.029%
80	5.122	5.102	5.127	PH	-7169	-111156	-0.61%	-0.015%
81	5.140	5.127	5.149	PH	-7018	-93829	-0.51%	-0.013%
82	5.153	5.149	5.163	PH	-7027	-59074	-0.32%	-0.008%
83	5.203	5.163	5.242	PH	-6649	-332371	-1.82%	-0.045%
84	5.272	5.242	5.312	PH	-6710	-294492	-1.61%	-0.040%
85	5.323	5.312	5.372	PH	-6975	-266123	-1.46%	-0.036%
86	5.376	5.372	5.381	PH	-7503	-38257	-0.21%	-0.005%
87	5.390	5.381	5.414	PH	-7477	-149936	-0.82%	-0.020%
88	5.434	5.414	5.446	PH	-6640	-137378	-0.75%	-0.019%
89	5.451	5.446	5.484	PH	-7205	-168282	-0.92%	-0.023%

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90	5.490	5.484	5.496	PH	-7484	-55152	-0.30%	-0.007%
91	5.519	5.496	5.536	PH	-6966	-172781	-0.95%	-0.023%
92	5.546	5.536	5.567	PH	-7144	-139161	-0.76%	-0.019%
93	5.606	5.567	5.647	PH	-7305	-356631	-1.96%	-0.048%
94	5.665	5.647	5.679	PH	-7363	-144296	-0.79%	-0.020%
95	5.715	5.679	5.733	PH	-7031	-231817	-1.27%	-0.031%
96	5.750	5.733	5.756	PH	-6841	-98415	-0.54%	-0.013%
97	5.774	5.756	5.789	PH	-6824	-137740	-0.76%	-0.019%
98	5.805	5.789	5.848	PH	-6955	-253182	-1.39%	-0.034%
99	5.855	5.848	5.869	PH	-7213	-92814	-0.51%	-0.013%
100	5.887	5.869	5.900	PH	-7014	-132754	-0.73%	-0.018%
101	5.932	5.900	5.955	PH	-7173	-239985	-1.32%	-0.033%
102	5.998	5.955	6.050	PH	-4423	-341115	-1.87%	-0.046%
103	6.055	6.050	6.062	PH	-6337	-47230	-0.26%	-0.006%
104	6.068	6.062	6.102	PH	-6295	-154543	-0.85%	-0.021%
105	6.122	6.102	6.151	PH	-3582	-164612	-0.90%	-0.022%
106	6.155	6.151	6.178	PH	-6673	-108525	-0.59%	-0.015%
107	6.200	6.178	6.206	PH	-6567	-111896	-0.61%	-0.015%
108	6.217	6.206	6.242	PH	-6574	-147162	-0.81%	-0.020%
109	6.277	6.242	6.283	PH	-6541	-162518	-0.89%	-0.022%
110	6.288	6.283	6.292	PH	-6523	-35585	-0.20%	-0.005%
111	6.299	6.292	6.316	PH	-6441	-94483	-0.52%	-0.013%
112	6.320	6.316	6.339	PH	-6587	-92809	-0.51%	-0.013%
113	6.344	6.339	6.351	PH	-6673	-48503	-0.27%	-0.007%
114	6.371	6.351	6.390	PH	-6511	-156722	-0.86%	-0.021%
115	6.411	6.390	6.443	PH	-5828	-198436	-1.09%	-0.027%
116	6.446	6.443	6.456	PH	-6503	-53259	-0.29%	-0.007%
117	6.461	6.456	6.469	PH	-6622	-52681	-0.29%	-0.007%
118	6.472	6.469	6.480	PH	-6582	-41400	-0.23%	-0.006%
119	6.500	6.480	6.509	PH	-6478	-117917	-0.65%	-0.016%
120	6.514	6.509	6.538	PH	-6485	-113071	-0.62%	-0.015%
121	6.559	6.538	6.589	PH	-6156	-198484	-1.09%	-0.027%
122	6.604	6.589	6.651	PH	-6258	-243056	-1.33%	-0.033%
123	6.676	6.651	6.686	PH	-6493	-136076	-0.75%	-0.018%
124	6.692	6.686	6.702	PH	-6465	-61886	-0.34%	-0.008%
125	6.713	6.702	6.724	PH	-6571	-87168	-0.48%	-0.012%
126	6.736	6.724	6.754	PH	-6367	-118481	-0.65%	-0.016%
127	6.760	6.754	6.782	PH	-6311	-107578	-0.59%	-0.015%
128	6.790	6.782	6.800	PH	-6452	-70775	-0.39%	-0.010%
129	6.825	6.800	6.832	PH	-6133	-122197	-0.67%	-0.017%
130	6.837	6.832	6.846	PH	-6206	-50469	-0.28%	-0.007%
131	6.866	6.846	6.876	PH	-6203	-113023	-0.62%	-0.015%
132	6.881	6.876	6.885	PH	-6319	-33834	-0.19%	-0.005%
133	6.913	6.885	6.918	PH	-5822	-121965	-0.67%	-0.017%
134	6.933	6.918	6.943	PH	-5677	-85185	-0.47%	-0.012%
135	6.958	6.943	6.995	PH	-5693	-183191	-1.00%	-0.025%
136	7.067	6.995	7.095	PH	-4533	-320668	-1.76%	-0.044%
137	7.114	7.095	7.153	PH	-4604	-178224	-0.98%	-0.024%
138	7.183	7.153	7.204	PH	-4832	-158289	-0.87%	-0.021%
139	7.209	7.204	7.225	PH	-5001	-65227	-0.36%	-0.009%
140	7.232	7.225	7.271	PH	-5161	-149286	-0.82%	-0.020%
141	7.280	7.271	7.306	PH	-5307	-112759	-0.62%	-0.015%

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142	7.334	7.306	7.388	PH	-4198	-255946	-1.40%	-0.035%
143	7.406	7.388	7.411	PH	-5479	-78586	-0.43%	-0.011%
144	7.424	7.411	7.439	PH	-5449	-90689	-0.50%	-0.012%
145	7.454	7.439	7.476	PH	-5456	-123571	-0.68%	-0.017%
146	7.526	7.476	7.576	PH	-4323	-299718	-1.64%	-0.041%
147	7.592	7.576	7.599	PH	-5024	-69537	-0.38%	-0.009%
148	7.618	7.599	7.651	PH	-3860	-145572	-0.80%	-0.020%
149	7.668	7.651	7.683	PH	-5213	-101006	-0.55%	-0.014%
150	7.689	7.683	7.697	PH	-5183	-46121	-0.25%	-0.006%
151	7.707	7.697	7.720	PH	-5186	-71396	-0.39%	-0.010%
152	7.741	7.720	7.749	PH	-4864	-87628	-0.48%	-0.012%
153	7.787	7.749	7.805	PH	-3176	-139120	-0.76%	-0.019%
154	7.809	7.805	7.826	PH	-4302	-58997	-0.32%	-0.008%
155	7.852	7.826	7.874	PH	-4593	-137136	-0.75%	-0.019%
156	7.899	7.874	7.919	PH	-4465	-126495	-0.69%	-0.017%
157	7.943	7.919	7.989	PH	-3410	-173304	-0.95%	-0.024%
158	8.024	7.989	8.043	PH	-3378	-126440	-0.69%	-0.017%
159	8.048	8.043	8.061	PH	-3722	-42724	-0.23%	-0.006%
160	8.082	8.061	8.093	PH	-3644	-72050	-0.40%	-0.010%
161	8.105	8.093	8.126	PH	-3291	-70129	-0.38%	-0.010%
162	8.141	8.126	8.151	PH	-2321	-43382	-0.24%	-0.006%
163	8.172	8.151	8.191	PH	4662	21098	0.12%	0.003%
164	8.203	8.191	8.240	PH	138	-53163	-0.29%	-0.007%
165	8.271	8.240	8.310	PH	82201	1023001	5.61%	0.139%
166	8.327	8.310	8.530	HH	15965	258343	1.42%	0.035%
167	8.567	8.530	8.579	PH	-2107	-70143	-0.38%	-0.010%
168	8.589	8.579	8.599	PH	-1868	-23921	-0.13%	-0.003%
169	8.619	8.599	8.643	PH	1726	-4171	-0.02%	-0.001%
170	8.660	8.643	8.681	PH	-152	-16557	-0.09%	-0.002%
171	8.694	8.681	8.713	PH	-759	-19413	-0.11%	-0.003%
172	8.735	8.713	8.779	PH	141	-50489	-0.28%	-0.007%
173	8.791	8.779	8.803	PH	-2039	-30777	-0.17%	-0.004%
174	8.826	8.803	8.837	PH	-1977	-43261	-0.24%	-0.006%
175	8.857	8.837	8.884	PH	-1028	-43329	-0.24%	-0.006%
176	8.903	8.884	8.913	PH	-1338	-26721	-0.15%	-0.004%
177	8.941	8.913	8.999	PH	-215	-52941	-0.29%	-0.007%
178	9.025	8.999	9.050	PH	3377	11478	0.06%	0.002%
179	9.069	9.050	9.094	PH	-79	-16947	-0.09%	-0.002%
180	9.108	9.094	9.134	PH	-1226	-37849	-0.21%	-0.005%
181	9.145	9.134	9.160	PH	-1847	-28865	-0.16%	-0.004%
182	9.184	9.160	9.204	PH	-295	-32704	-0.18%	-0.004%
183	9.222	9.204	9.248	PH	-769	-33636	-0.18%	-0.005%
184	9.274	9.248	9.297	PH	-658	-34912	-0.19%	-0.005%
185	9.322	9.297	9.349	PH	-384	-30062	-0.16%	-0.004%
186	9.373	9.349	9.389	PH	2254	19227	0.11%	0.003%
187	9.414	9.389	9.462	HH	4256	94268	0.52%	0.013%
188	9.480	9.462	9.507	HH	1411	19008	0.10%	0.003%
189	9.526	9.507	9.537	PH	1166	8668	0.05%	0.001%
190	9.554	9.537	9.600	HH	2751	48446	0.27%	0.007%
191	9.635	9.600	9.656	PH	1179	13967	0.08%	0.002%
192	9.674	9.656	9.706	PH	802	3952	0.02%	0.001%
193	9.730	9.706	9.784	PH	2597	52226	0.29%	0.007%
194	9.802	9.784	9.821	HH	4221	49269	0.27%	0.007%

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195	9.836	9.821	9.856	HH	1825	29965	0.16%	0.004%
196	9.873	9.856	9.901	HH	1449	31124	0.17%	0.004%
197	9.906	9.901	9.939	HH	1018	15421	0.08%	0.002%
198	9.954	9.939	9.974	HH	1281	14446	0.08%	0.002%
199	9.982	9.974	10.051	HH	457	-3569	-0.02%	-0.000%
200	10.073	10.051	10.092	PH	129	-4151	-0.02%	-0.001%
201	10.147	10.092	10.169	PH	1915	32293	0.18%	0.004%
202	10.188	10.169	10.214	HH	2494	44487	0.24%	0.006%
203	10.253	10.214	10.265	HH	2693	52833	0.29%	0.007%
204	10.291	10.265	10.312	HH	4030	86742	0.48%	0.012%
205	10.332	10.312	10.371	HH	5327	103385	0.57%	0.014%
206	10.399	10.371	10.439	HH	5253	145483	0.80%	0.020%
207	10.463	10.439	10.482	HH	7664	152020	0.83%	0.021%
208	10.495	10.482	10.514	HH	6248	113226	0.62%	0.015%
209	10.539	10.514	10.558	HH	8451	165327	0.91%	0.022%
210	10.575	10.558	10.587	HH	6626	97796	0.54%	0.013%
211	10.615	10.587	10.641	HH	11998	273875	1.50%	0.037%
212	10.648	10.641	10.692	HH	6484	156216	0.86%	0.021%
213	10.712	10.692	10.738	HH	6588	128215	0.70%	0.017%
214	10.771	10.738	10.784	HH	4994	121222	0.66%	0.016%
215	10.811	10.784	10.867	HH	147929	2280432	12.50%	0.309%
216	10.889	10.867	10.977	HH	51254	1158624	6.35%	0.157%
217	10.982	10.977	11.040	HH	6395	195688	1.07%	0.027%
218	11.049	11.040	11.080	HH	4331	96226	0.53%	0.013%
219	11.120	11.080	11.146	HH	6763	215718	1.18%	0.029%
220	11.175	11.146	11.190	HH	6608	159000	0.87%	0.022%
221	11.210	11.190	11.224	HH	7078	124268	0.68%	0.017%
222	11.241	11.224	11.256	HH	9671	150833	0.83%	0.020%
223	11.274	11.256	11.308	HH	15887	314254	1.72%	0.043%
224	11.335	11.308	11.383	HH	18105	465627	2.55%	0.063%
225	11.405	11.383	11.423	HH	8519	170782	0.94%	0.023%
226	11.441	11.423	11.453	HH	7785	126948	0.70%	0.017%
227	11.468	11.453	11.496	HH	9294	203891	1.12%	0.028%
228	11.516	11.496	11.561	HH	10266	301219	1.65%	0.041%
229	11.567	11.561	11.584	HH	6264	83992	0.46%	0.011%
230	11.614	11.584	11.629	HH	33663	507640	2.78%	0.069%
231	11.646	11.629	11.693	HH	39745	751024	4.12%	0.102%
232	11.725	11.693	11.747	HH	39102	739035	4.05%	0.100%
233	11.762	11.747	11.776	HH	25898	362330	1.99%	0.049%
234	11.794	11.776	11.838	HH	30294	631570	3.46%	0.086%
235	11.849	11.838	11.876	HH	7650	166550	0.91%	0.023%
236	11.909	11.876	11.933	HH	12247	322016	1.77%	0.044%
237	11.949	11.933	11.969	HH	8852	177112	0.97%	0.024%
238	12.011	11.969	12.060	HH	19721	701500	3.85%	0.095%
239	12.085	12.060	12.133	HH	24938	664648	3.64%	0.090%
240	12.195	12.133	12.254	HH	200143	3909097	21.43%	0.531%
241	12.266	12.254	12.285	HH	12789	227937	1.25%	0.031%
242	12.295	12.285	12.317	HH	12427	229933	1.26%	0.031%
243	12.333	12.317	12.346	HH	13846	225644	1.24%	0.031%
244	12.356	12.346	12.385	HH	14664	308326	1.69%	0.042%
245	12.404	12.385	12.418	HH	19934	328954	1.80%	0.045%
246	12.423	12.418	12.448	HH	17661	254920	1.40%	0.035%

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247	12.485	12.448	12.496	HH	24872	512913	2.81%	0.070%
248	12.513	12.496	12.533	HH	38312	617867	3.39%	0.084%
249	12.552	12.533	12.569	HH	27250	490971	2.69%	0.067%
250	12.580	12.569	12.604	HH	20406	366438	2.01%	0.050%
251	12.636	12.604	12.694	HH	370996	5126466	28.11%	0.696%
252	12.731	12.694	12.744	HH	15451	420165	2.30%	0.057%
253	12.782	12.744	12.803	HH	22377	615685	3.38%	0.084%
254	12.821	12.803	12.856	HH	26478	662063	3.63%	0.090%
255	12.877	12.856	12.904	HH	19673	509929	2.80%	0.069%
256	12.934	12.904	12.970	HH	303724	4204774	23.05%	0.571%
257	12.987	12.970	13.004	HH	39782	625059	3.43%	0.085%
258	13.020	13.004	13.073	HH	41014	1007369	5.52%	0.137%
259	13.108	13.073	13.142	HH	22267	735724	4.03%	0.100%
260	13.163	13.142	13.179	HH	22377	427540	2.34%	0.058%
261	13.207	13.179	13.238	HH	32663	874860	4.80%	0.119%
262	13.263	13.238	13.304	HH	24983	825704	4.53%	0.112%
263	13.337	13.304	13.367	HH	22519	770544	4.22%	0.105%
264	13.407	13.367	13.461	HH	65030	1839338	10.08%	0.250%
265	13.526	13.461	13.568	HH	61700	2000483	10.97%	0.271%
266	13.583	13.568	13.604	HH	22710	453230	2.48%	0.062%
267	13.632	13.604	13.653	HH	40843	838866	4.60%	0.114%
268	13.672	13.653	13.692	HH	44683	814052	4.46%	0.110%
269	13.702	13.692	13.729	HH	30706	560211	3.07%	0.076%
270	13.753	13.729	13.765	HH	29113	561456	3.08%	0.076%
271	13.800	13.765	13.824	HH	45801	1166923	6.40%	0.158%
272	13.842	13.824	13.886	HH	37823	1037799	5.69%	0.141%
273	13.897	13.886	13.916	HH	21884	379256	2.08%	0.051%
274	13.926	13.916	13.931	HH	21245	191592	1.05%	0.026%
275	13.959	13.931	13.980	HH	23573	648623	3.56%	0.088%
276	13.995	13.980	14.014	HH	22641	445516	2.44%	0.060%
277	14.027	14.014	14.066	HH	21405	646014	3.54%	0.088%
278	14.071	14.066	14.078	HH	19853	134162	0.74%	0.018%
279	14.110	14.078	14.121	HH	23605	567898	3.11%	0.077%
280	14.147	14.121	14.177	HH	38862	983260	5.39%	0.133%
281	14.230	14.177	14.246	HH	30450	1101047	6.04%	0.149%
282	14.281	14.246	14.297	HH	36965	990999	5.43%	0.134%
283	14.311	14.297	14.337	HH	34283	763024	4.18%	0.104%
284	14.342	14.337	14.350	HH	29580	223007	1.22%	0.030%
285	14.376	14.350	14.411	HH	36063	1130363	6.20%	0.153%
286	14.445	14.411	14.475	HH	52231	1409040	7.72%	0.191%
287	14.504	14.475	14.534	HH	60180	1551351	8.51%	0.211%
288	14.562	14.534	14.574	HH	37845	848944	4.65%	0.115%
289	14.590	14.574	14.613	HH	43425	891262	4.89%	0.121%
290	14.654	14.613	14.683	HH	450556	6859482	37.61%	0.931%
291	14.700	14.683	14.739	HH	41653	1151881	6.32%	0.156%
292	14.743	14.739	14.758	HH	27017	290420	1.59%	0.039%
293	14.784	14.758	14.791	HH	36080	623902	3.42%	0.085%
294	14.819	14.791	14.839	HH	185993	2902411	15.91%	0.394%
295	14.860	14.839	14.944	HH	174680	4334157	23.76%	0.588%
296	14.980	14.944	14.999	HH	54860	1373362	7.53%	0.186%
297	15.013	14.999	15.070	HH	42653	1606640	8.81%	0.218%
298	15.093	15.070	15.111	HH	40775	904012	4.96%	0.123%
299	15.142	15.111	15.148	HH	41885	884777	4.85%	0.120%

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300	15.169	15.148	15.195	HH	46311	1178561	6.46%	0.160%
301	15.199	15.195	15.209	HH	39186	334498	1.83%	0.045%
302	15.238	15.209	15.318	HH	382501	7404310	40.59%	1.005%
303	15.328	15.318	15.346	HH	39074	658517	3.61%	0.089%
304	15.374	15.346	15.417	HH	49950	1836916	10.07%	0.249%
305	15.446	15.417	15.471	HH	77929	1764212	9.67%	0.239%
306	15.493	15.471	15.518	HH	72606	1602549	8.79%	0.217%
307	15.533	15.518	15.569	HH	53769	1446338	7.93%	0.196%
308	15.587	15.569	15.593	HH	46017	644424	3.53%	0.087%
309	15.601	15.593	15.615	HH	46457	599071	3.28%	0.081%
310	15.640	15.615	15.651	HH	57755	1124239	6.16%	0.153%
311	15.657	15.651	15.705	HH	55954	1613116	8.84%	0.219%
312	15.726	15.705	15.737	HH	49832	914883	5.02%	0.124%
313	15.754	15.737	15.798	HH	52577	1708494	9.37%	0.232%
314	15.819	15.798	15.854	HH	46832	1500164	8.22%	0.204%
315	15.874	15.854	15.895	HH	53017	1176362	6.45%	0.160%
316	15.910	15.895	15.916	HH	47470	594361	3.26%	0.081%
317	15.921	15.916	15.926	HH	47595	293840	1.61%	0.040%
318	15.935	15.926	15.951	HH	48527	701785	3.85%	0.095%
319	15.960	15.951	15.979	HH	47267	780091	4.28%	0.106%
320	15.996	15.979	16.009	HH	45780	808905	4.43%	0.110%
321	16.048	16.009	16.052	HH	45500	1146641	6.29%	0.156%
322	16.096	16.052	16.116	HH	51556	1872860	10.27%	0.254%
323	16.178	16.116	16.220	HH	61899	3387701	18.57%	0.460%
324	16.252	16.220	16.284	HH	92813	2660611	14.59%	0.361%
325	16.304	16.284	16.332	HH	61570	1696632	9.30%	0.230%
326	16.388	16.332	16.406	HH	204718	4901849	26.87%	0.665%
327	16.416	16.406	16.433	HH	125391	1784322	9.78%	0.242%
328	16.442	16.433	16.478	HH	103277	2128281	11.67%	0.289%
329	16.520	16.478	16.541	HH	83535	2591252	14.21%	0.352%
330	16.550	16.541	16.567	HH	65168	984605	5.40%	0.134%
331	16.573	16.567	16.591	HH	61094	850366	4.66%	0.115%
332	16.625	16.591	16.629	HH	67318	1446308	7.93%	0.196%
333	16.657	16.629	16.677	HH	80215	2087763	11.45%	0.283%
334	16.711	16.677	16.745	HH	144705	3997934	21.92%	0.543%
335	16.773	16.745	16.809	HH	169576	4305729	23.61%	0.584%
336	16.823	16.809	16.844	HH	87704	1708735	9.37%	0.232%
337	16.873	16.844	16.897	HH	106119	2885243	15.82%	0.392%
338	16.903	16.897	16.934	HH	83154	1735420	9.51%	0.236%
339	16.954	16.934	16.974	HH	76490	1801203	9.87%	0.244%
340	16.979	16.974	16.983	HH	75381	400643	2.20%	0.054%
341	17.019	16.983	17.039	HH	81863	2665952	14.62%	0.362%
342	17.045	17.039	17.060	HH	80213	1014686	5.56%	0.138%
343	17.074	17.060	17.092	HH	80226	1517516	8.32%	0.206%
344	17.161	17.092	17.173	HH	91708	4144216	22.72%	0.562%
345	17.193	17.173	17.224	HH	106062	2884160	15.81%	0.391%
346	17.274	17.224	17.334	HH	111444	5952925	32.64%	0.808%
347	17.362	17.334	17.377	HH	92031	2282154	12.51%	0.310%
348	17.391	17.377	17.409	HH	91247	1702564	9.33%	0.231%
349	17.436	17.409	17.468	HH	96204	3292693	18.05%	0.447%
350	17.483	17.468	17.506	HH	92465	2070111	11.35%	0.281%
351	17.533	17.506	17.538	HH	90523	1695493	9.30%	0.230%

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352	17.562	17.538	17.591	HH	96434	2962661	16.24%	0.402%
353	17.618	17.591	17.624	HH	96289	1878853	10.30%	0.255%
354	17.647	17.624	17.654	HH	99640	1747753	9.58%	0.237%
355	17.674	17.654	17.688	HH	102718	2052509	11.25%	0.279%
356	17.713	17.688	17.752	HH	116429	4141048	22.70%	0.562%
357	17.761	17.752	17.767	HH	103170	875093	4.80%	0.119%
358	17.804	17.767	17.826	HH	113210	3775164	20.70%	0.512%
359	17.863	17.826	17.893	HH	120856	4530669	24.84%	0.615%
360	17.921	17.893	17.928	HH	115118	2372687	13.01%	0.322%
361	17.948	17.928	17.991	HH	126764	4502647	24.69%	0.611%
362	18.007	17.991	18.015	HH	116339	1657117	9.08%	0.225%
363	18.038	18.015	18.045	HH	134464	2309469	12.66%	0.313%
364	18.077	18.045	18.113	HH	260135	7300408	40.02%	0.991%
365	18.162	18.113	18.213	HH	180344	9035014	49.53%	1.226%
366	18.233	18.213	18.266	HH	147005	4342095	23.80%	0.589%
367	18.298	18.266	18.309	HH	144734	3529333	19.35%	0.479%
368	18.324	18.309	18.337	HH	143032	2433755	13.34%	0.330%
369	18.348	18.337	18.388	HH	138989	4204748	23.05%	0.571%
370	18.423	18.388	18.465	HH	182254	7287255	39.95%	0.989%
371	18.495	18.465	18.506	HH	149767	3587743	19.67%	0.487%
372	18.539	18.506	18.601	HH	179508	9011983	49.41%	1.223%
373	18.608	18.601	18.617	HH	148314	1434107	7.86%	0.195%
374	18.652	18.617	18.684	HH	167360	6310261	34.59%	0.856%
375	18.700	18.684	18.728	HH	163711	4233802	23.21%	0.575%
376	18.742	18.728	18.750	HH	160676	2054364	11.26%	0.279%
377	18.753	18.750	18.773	HH	159441	2189368	12.00%	0.297%
378	18.787	18.773	18.797	HH	159097	2255607	12.37%	0.306%
379	18.841	18.797	18.853	HH	168865	5543449	30.39%	0.752%
380	18.871	18.853	18.876	HH	168440	2251459	12.34%	0.306%
381	18.906	18.876	18.933	HH	247581	7138796	39.14%	0.969%
382	18.945	18.933	18.963	HH	192242	3409331	18.69%	0.463%
383	18.970	18.963	19.001	HH	191393	4128106	22.63%	0.560%
384	19.047	19.001	19.072	HH	187474	7778139	42.64%	1.056%
385	19.108	19.072	19.115	HH	186683	4710492	25.82%	0.639%
386	19.121	19.115	19.129	HH	185752	1563595	8.57%	0.212%
387	19.134	19.129	19.139	HH	184848	1145987	6.28%	0.156%
388	19.154	19.139	19.163	HH	189182	2603115	14.27%	0.353%
389	19.168	19.163	19.176	HH	188150	1497918	8.21%	0.203%
390	19.185	19.176	19.203	HH	190533	3128037	17.15%	0.425%
391	19.209	19.203	19.214	HH	187904	1218672	6.68%	0.165%
392	19.222	19.214	19.228	HH	189797	1562429	8.57%	0.212%
393	19.249	19.228	19.263	HH	194959	4003334	21.95%	0.543%
394	19.268	19.263	19.277	HH	192055	1598681	8.76%	0.217%
395	19.299	19.277	19.306	HH	198287	3421305	18.76%	0.464%
396	19.329	19.306	19.339	HH	207358	4060873	22.26%	0.551%
397	19.359	19.339	19.386	HH	208886	5772886	31.65%	0.783%
398	19.406	19.386	19.423	HH	217904	4756249	26.08%	0.645%
399	19.445	19.423	19.485	HH	220560	7939863	43.53%	1.078%
400	19.521	19.485	19.544	HH	227162	7766229	42.58%	1.054%
401	19.620	19.544	19.639	HH	241609	13031500	71.44%	1.769%
402	19.698	19.639	19.733	HH	287206	14344306	78.64%	1.947%
403	19.738	19.733	19.744	HH	249797	1683232	9.23%	0.228%
404	19.756	19.744	19.765	HH	252269	3136582	17.20%	0.426%

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405	19.769	19.765	19.775	HH	249721	1551842	8.51%	0.211%
406	19.789	19.775	19.798	HH	251727	3466070	19.00%	0.470%
407	19.812	19.798	19.826	HH	251368	4129736	22.64%	0.560%
408	19.833	19.826	19.837	HH	253013	1702062	9.33%	0.231%
409	19.853	19.837	19.866	HH	258100	4406870	24.16%	0.598%
410	19.871	19.866	19.875	HH	255840	1414606	7.76%	0.192%
411	19.908	19.875	19.917	HH	265367	6486285	35.56%	0.880%
412	19.923	19.917	19.937	HH	265669	3261519	17.88%	0.443%
413	19.954	19.937	19.981	HH	269556	7085959	38.85%	0.962%
414	19.991	19.981	20.005	HH	271903	3795188	20.81%	0.515%
415	20.020	20.005	20.030	HH	276457	4170269	22.86%	0.566%
416	20.075	20.030	20.105	HH	293945	12789536	70.12%	1.736%
417	20.145	20.105	20.169	HH	295073	11109628	60.91%	1.508%
418	20.183	20.169	20.190	HH	294296	3609830	19.79%	0.490%
419	20.203	20.190	20.209	HH	296215	3370984	18.48%	0.457%
420	20.232	20.209	20.266	HH	305317	10154746	55.67%	1.378%
421	20.279	20.266	20.303	HH	302175	6579842	36.07%	0.893%
422	20.314	20.303	20.333	HH	308925	5506154	30.19%	0.747%
423	20.349	20.333	20.362	HH	313244	5500366	30.15%	0.746%
424	20.373	20.362	20.383	HH	314391	3908299	21.43%	0.530%
425	20.433	20.383	20.461	HH	339545	15081868	82.68%	2.047%
426	20.470	20.461	20.513	HH	318622	9719526	53.29%	1.319%
427	20.540	20.513	20.544	HH	305031	5510587	30.21%	0.748%
428	20.548	20.544	20.556	HH	305222	2215831	12.15%	0.301%
429	20.568	20.556	20.573	HH	304749	3043766	16.69%	0.413%
430	20.582	20.573	20.587	HH	303029	2578724	14.14%	0.350%
431	20.598	20.587	20.603	HH	304945	2938034	16.11%	0.399%
432	20.613	20.603	20.628	HH	305830	4485184	24.59%	0.609%
433	20.635	20.628	20.644	HH	302568	3019333	16.55%	0.410%
434	20.672	20.644	20.679	HH	307968	6418808	35.19%	0.871%
435	20.685	20.679	20.704	HH	306504	4497058	24.65%	0.610%
436	20.711	20.704	20.751	HH	303834	8413713	46.13%	1.142%
437	20.756	20.751	20.768	HH	298026	3181811	17.44%	0.432%
438	20.779	20.768	20.786	HH	300050	3094704	16.97%	0.420%
439	20.814	20.786	20.857	HH	315463	12854623	70.47%	1.745%
440	20.865	20.857	20.877	HH	291844	3553385	19.48%	0.482%
441	20.922	20.877	20.941	HH	299131	11307513	61.99%	1.535%
442	20.954	20.941	20.978	HH	301545	6717354	36.83%	0.912%
443	20.986	20.978	21.013	HH	297778	6136348	33.64%	0.833%
444	21.022	21.013	21.028	HH	294280	2586522	14.18%	0.351%
445	21.057	21.028	21.064	HH	300693	6526407	35.78%	0.886%
446	21.069	21.064	21.107	HH	296569	7587096	41.60%	1.030%
447	21.122	21.107	21.146	HH	292604	6655965	36.49%	0.903%
448	21.154	21.146	21.178	HH	288309	5547155	30.41%	0.753%
449	21.185	21.178	21.194	HH	288445	2809523	15.40%	0.381%
450	21.242	21.194	21.297	HH	308246	18240389	100.00%	2.475%
451	21.313	21.297	21.328	HH	288620	5244209	28.75%	0.712%
452	21.345	21.328	21.387	HH	291452	10105623	55.40%	1.371%
453	21.402	21.387	21.437	HH	283693	8425920	46.19%	1.143%
454	21.450	21.437	21.464	HH	275607	4368811	23.95%	0.593%
455	21.479	21.464	21.490	HH	277486	4402096	24.13%	0.597%
456	21.497	21.490	21.508	HH	276816	2898552	15.89%	0.393%

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457	21.520	21.508	21.525	HH	281448	2872242	15.75%	0.390%
458	21.529	21.525	21.556	HH	280094	5154084	28.26%	0.699%
459	21.576	21.556	21.588	HH	279779	5261043	28.84%	0.714%
460	21.603	21.588	21.629	HH	280873	6908155	37.87%	0.938%
461	21.661	21.629	21.686	HH	279688	9486290	52.01%	1.287%
462	21.701	21.686	21.705	HH	278858	3237223	17.75%	0.439%
463	21.737	21.705	21.801	HHA	296867	16241926	89.04%	2.204%
					Sum of corrected areas:		736858207	

FE101420.M Thu Oct 22 08:48:16 2020