

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032621\
 Data File : FE033454.D
 Signal(s) : FID1B.CH
 Acq On : 26 Mar 2021 17:32
 Sample : M1821-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE031621.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.434	2.392	2.557	BH	709125	5369989	76.25%	5.815%
2	2.563	2.557	2.577	PH	-1626	-21512	-0.31%	-0.023%
3	2.598	2.577	2.618	PH	-748	-36534	-0.52%	-0.040%
4	2.623	2.618	2.640	PH	-2293	-31306	-0.44%	-0.034%
5	2.656	2.640	2.682	PH	2719	-27944	-0.40%	-0.030%
6	2.697	2.682	2.730	PH	-1112	-68392	-0.97%	-0.074%
7	2.739	2.730	2.834	PH	-3006	-222235	-3.16%	-0.241%
8	2.842	2.834	2.862	PH	-3958	-66868	-0.95%	-0.072%
9	2.867	2.862	2.877	PH	-3965	-35355	-0.50%	-0.038%
10	2.883	2.877	2.947	PH	-4074	-181022	-2.57%	-0.196%
11	2.951	2.947	2.954	PH	-4419	-17145	-0.24%	-0.019%
12	2.966	2.954	3.013	PH	-3871	-159238	-2.26%	-0.172%
13	3.045	3.013	3.075	PH	-3209	-160808	-2.28%	-0.174%
14	3.089	3.075	3.110	PH	-3759	-90681	-1.29%	-0.098%
15	3.123	3.110	3.134	PH	-4320	-66204	-0.94%	-0.072%
16	3.142	3.134	3.160	PH	-4560	-75061	-1.07%	-0.081%
17	3.176	3.160	3.198	PH	-4798	-115668	-1.64%	-0.125%
18	3.204	3.198	3.209	PH	-5125	-33750	-0.48%	-0.037%
19	3.219	3.209	3.230	PH	-4933	-64300	-0.91%	-0.070%
20	3.241	3.230	3.254	PH	-5081	-72710	-1.03%	-0.079%
21	3.258	3.254	3.261	PH	-5222	-21836	-0.31%	-0.024%
22	3.265	3.261	3.267	PH	-5235	-20227	-0.29%	-0.022%
23	3.272	3.267	3.293	PH	-5241	-83911	-1.19%	-0.091%
24	3.309	3.293	3.352	PH	-606	-146435	-2.08%	-0.159%
25	3.358	3.352	3.366	PH	-5361	-43613	-0.62%	-0.047%
26	3.386	3.366	3.415	PH	-5210	-161089	-2.29%	-0.174%
27	3.429	3.415	3.465	PH	-4218	-155247	-2.20%	-0.168%
28	3.480	3.465	3.495	PH	-5318	-97624	-1.39%	-0.106%
29	3.505	3.495	3.530	PH	-5433	-115398	-1.64%	-0.125%
30	3.547	3.530	3.557	PH	-5349	-87881	-1.25%	-0.095%
31	3.561	3.557	3.572	PH	-5371	-48830	-0.69%	-0.053%
32	3.579	3.572	3.585	PH	-5319	-40597	-0.58%	-0.044%
33	3.592	3.585	3.641	PH	-5293	-196810	-2.79%	-0.213%
34	3.651	3.641	3.671	PH	-6094	-111943	-1.59%	-0.121%
35	3.676	3.671	3.685	PH	-6297	-54735	-0.78%	-0.059%
36	3.714	3.685	3.790	PH	-5400	-385913	-5.48%	-0.418%

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37	3.796	3.790	3.810	PH	-6398	-76932	-1.09%	-0.083%
38	3.815	3.810	3.839	PH	-6421	-112408	-1.60%	-0.122%
39	3.854	3.839	3.860	PH	-6557	-82931	-1.18%	-0.090%
40	3.869	3.860	3.877	PH	-6542	-67036	-0.95%	-0.073%
41	3.889	3.877	3.897	PH	-6493	-78032	-1.11%	-0.085%
42	3.900	3.897	3.905	PH	-6529	-30281	-0.43%	-0.033%
43	3.913	3.905	3.921	PH	-6497	-65861	-0.94%	-0.071%
44	3.927	3.921	3.939	PH	-6600	-70658	-1.00%	-0.077%
45	3.963	3.939	3.983	PH	-6466	-175439	-2.49%	-0.190%
46	4.003	3.983	4.019	PH	-6113	-141773	-2.01%	-0.154%
47	4.023	4.019	4.037	PH	-6636	-70426	-1.00%	-0.076%
48	4.061	4.037	4.086	PH	106049	701362	9.96%	0.760%
49	4.108	4.086	4.154	PH	822	-170980	-2.43%	-0.185%
50	4.178	4.154	4.212	PH	-6381	-228292	-3.24%	-0.247%
51	4.229	4.212	4.307	PH	23609	-76286	-1.08%	-0.083%
52	4.314	4.307	4.325	PH	-6577	-70471	-1.00%	-0.076%
53	4.341	4.325	4.374	PH	-6483	-199662	-2.83%	-0.216%
54	4.383	4.374	4.387	PH	-6896	-54604	-0.78%	-0.059%
55	4.392	4.387	4.397	PH	-6876	-41535	-0.59%	-0.045%
56	4.413	4.397	4.425	PH	-6591	-115147	-1.63%	-0.125%
57	4.446	4.425	4.455	PH	-6088	-118896	-1.69%	-0.129%
58	4.484	4.455	4.539	PH	695576	6175948	87.69%	6.688%
59	4.553	4.539	4.560	PH	-6769	-85064	-1.21%	-0.092%
60	4.575	4.560	4.605	PH	-6101	-182951	-2.60%	-0.198%
61	4.626	4.605	4.695	PH	3464	-291025	-4.13%	-0.315%
62	4.701	4.695	4.753	PH	-7127	-253547	-3.60%	-0.275%
63	4.765	4.753	4.777	PH	-7251	-108367	-1.54%	-0.117%
64	4.792	4.777	4.802	PH	-6559	-102087	-1.45%	-0.111%
65	4.814	4.802	4.853	PH	-5935	-214802	-3.05%	-0.233%
66	4.865	4.853	4.880	PH	-7253	-120541	-1.71%	-0.131%
67	4.904	4.880	4.910	PH	-7328	-133014	-1.89%	-0.144%
68	4.913	4.910	4.925	PH	-7273	-63094	-0.90%	-0.068%
69	4.935	4.925	4.940	PH	-7199	-66410	-0.94%	-0.072%
70	4.958	4.940	4.995	PH	-7111	-241258	-3.43%	-0.261%
71	5.017	4.995	5.032	PH	-7307	-163225	-2.32%	-0.177%
72	5.047	5.032	5.055	PH	-6450	-97792	-1.39%	-0.106%
73	5.072	5.055	5.132	PH	-200	-275433	-3.91%	-0.298%
74	5.152	5.132	5.190	PH	-7036	-258326	-3.67%	-0.280%
75	5.196	5.190	5.207	PH	-7536	-77720	-1.10%	-0.084%
76	5.222	5.207	5.241	PH	-7409	-154584	-2.19%	-0.167%
77	5.259	5.241	5.280	PH	-7604	-180732	-2.57%	-0.196%
78	5.291	5.280	5.305	PH	-7630	-114211	-1.62%	-0.124%
79	5.332	5.305	5.354	PH	-4552	-197183	-2.80%	-0.214%
80	5.364	5.354	5.373	PH	-7310	-82504	-1.17%	-0.089%
81	5.390	5.373	5.424	PH	-3168	-190257	-2.70%	-0.206%
82	5.433	5.424	5.444	PH	-7629	-92085	-1.31%	-0.100%
83	5.447	5.444	5.462	PH	-7666	-84811	-1.20%	-0.092%
84	5.477	5.462	5.487	PH	-7647	-115896	-1.65%	-0.126%
85	5.512	5.487	5.530	PH	-3076	-158772	-2.25%	-0.172%
86	5.551	5.530	5.603	PH	-3699	-282212	-4.01%	-0.306%
87	5.622	5.603	5.658	PH	-7048	-250515	-3.56%	-0.271%
88	5.683	5.658	5.702	PH	-7410	-196141	-2.78%	-0.212%
89	5.727	5.702	5.738	PH	-7218	-162875	-2.31%	-0.176%

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90	5.749	5.738	5.766	PH	-7278	-126946	-1.80%	-0.137%
91	5.787	5.766	5.802	PH	-7627	-166676	-2.37%	-0.180%
92	5.812	5.802	5.837	PH	-7370	-158518	-2.25%	-0.172%
93	5.856	5.837	5.876	PH	-6666	-170941	-2.43%	-0.185%
94	5.890	5.876	5.927	PH	-7493	-231862	-3.29%	-0.251%
95	5.939	5.927	5.953	PH	-7690	-124953	-1.77%	-0.135%
96	5.967	5.953	5.985	PH	-7592	-146073	-2.07%	-0.158%
97	5.991	5.985	6.000	PH	-7778	-71408	-1.01%	-0.077%
98	6.034	6.000	6.045	PH	-5496	-182968	-2.60%	-0.198%
99	6.053	6.045	6.080	PH	-5995	-142678	-2.03%	-0.155%
100	6.083	6.080	6.102	PH	-7406	-95988	-1.36%	-0.104%
101	6.121	6.102	6.150	PH	-5937	-205104	-2.91%	-0.222%
102	6.167	6.150	6.179	PH	-7389	-129019	-1.83%	-0.140%
103	6.211	6.179	6.264	PH	-4484	-349726	-4.97%	-0.379%
104	6.281	6.264	6.291	PH	-7600	-126119	-1.79%	-0.137%
105	6.308	6.291	6.313	PH	-7597	-98935	-1.40%	-0.107%
106	6.342	6.313	6.369	PH	-5736	-231396	-3.29%	-0.251%
107	6.374	6.369	6.378	PH	-7653	-41058	-0.58%	-0.044%
108	6.387	6.378	6.419	PH	-7603	-188445	-2.68%	-0.204%
109	6.433	6.419	6.459	PH	-7386	-184083	-2.61%	-0.199%
110	6.495	6.459	6.539	PH	681517	6382670	90.63%	6.912%
111	6.565	6.539	6.599	PH	-7362	-276794	-3.93%	-0.300%
112	6.612	6.599	6.626	PH	-7404	-121948	-1.73%	-0.132%
113	6.635	6.626	6.676	PH	-7715	-238791	-3.39%	-0.259%
114	6.713	6.676	6.729	PH	-7779	-249874	-3.55%	-0.271%
115	6.740	6.729	6.753	PH	-7832	-113771	-1.62%	-0.123%
116	6.767	6.753	6.790	PH	-7341	-174321	-2.48%	-0.189%
117	6.825	6.790	6.853	PH	-7685	-295521	-4.20%	-0.320%
118	6.860	6.853	6.896	PH	-7972	-209535	-2.98%	-0.227%
119	6.903	6.896	6.920	PH	-8041	-115555	-1.64%	-0.125%
120	6.944	6.920	6.961	PH	-5792	-173530	-2.46%	-0.188%
121	6.969	6.961	6.988	PH	-7312	-121184	-1.72%	-0.131%
122	7.003	6.988	7.058	PH	-7129	-319891	-4.54%	-0.346%
123	7.063	7.058	7.070	PH	-7899	-61465	-0.87%	-0.067%
124	7.095	7.070	7.105	PH	-7754	-161919	-2.30%	-0.175%
125	7.124	7.105	7.130	PH	-7393	-115706	-1.64%	-0.125%
126	7.144	7.130	7.176	PH	-7023	-208321	-2.96%	-0.226%
127	7.198	7.176	7.220	PH	-7562	-204561	-2.90%	-0.222%
128	7.231	7.220	7.235	PH	-8066	-72667	-1.03%	-0.079%
129	7.253	7.235	7.268	PH	-7624	-158569	-2.25%	-0.172%
130	7.285	7.268	7.301	PH	-7498	-151589	-2.15%	-0.164%
131	7.306	7.301	7.344	PH	-7922	-207288	-2.94%	-0.224%
132	7.349	7.344	7.352	PH	-8097	-38954	-0.55%	-0.042%
133	7.370	7.352	7.390	PH	-7519	-179426	-2.55%	-0.194%
134	7.415	7.390	7.436	PH	-3570	-177765	-2.52%	-0.193%
135	7.442	7.436	7.463	PH	-7972	-130982	-1.86%	-0.142%
136	7.487	7.463	7.506	PH	-7514	-201400	-2.86%	-0.218%
137	7.535	7.506	7.603	PH	-7441	-455098	-6.46%	-0.493%
138	7.609	7.603	7.614	PH	-8020	-51358	-0.73%	-0.056%
139	7.631	7.614	7.653	PH	-7737	-186932	-2.65%	-0.202%
140	7.703	7.653	7.734	PH	-3121	-333898	-4.74%	-0.362%
141	7.751	7.734	7.792	PH	-7584	-269967	-3.83%	-0.292%

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142	7.811	7.792	7.816	PH	-7529	-110921	-1.57%	-0.120%
143	7.831	7.816	7.850	PH	-6929	-147944	-2.10%	-0.160%
144	7.869	7.850	7.887	PH	-1116	-99934	-1.42%	-0.108%
145	7.898	7.887	7.921	PH	-6401	-143909	-2.04%	-0.156%
146	7.934	7.921	7.955	PH	-7284	-155733	-2.21%	-0.169%
147	7.981	7.955	7.997	PH	-6150	-179052	-2.54%	-0.194%
148	8.011	7.997	8.024	PH	-6529	-116504	-1.65%	-0.126%
149	8.037	8.024	8.055	PH	-6702	-135062	-1.92%	-0.146%
150	8.063	8.055	8.087	PH	-7587	-146593	-2.08%	-0.159%
151	8.108	8.087	8.136	PH	-6450	-216533	-3.07%	-0.234%
152	8.178	8.136	8.210	PH	-6169	-326745	-4.64%	-0.354%
153	8.253	8.210	8.264	PH	21968	76329	1.08%	0.083%
154	8.290	8.264	8.312	HH	675007	6831195	96.99%	7.398%
155	8.347	8.312	8.374	PH	85454	743790	10.56%	0.805%
156	8.400	8.374	8.449	PH	-6754	-320931	-4.56%	-0.348%
157	8.461	8.449	8.466	PH	-7494	-78210	-1.11%	-0.085%
158	8.480	8.466	8.500	PH	-7452	-153162	-2.17%	-0.166%
159	8.515	8.500	8.540	PH	-6990	-179324	-2.55%	-0.194%
160	8.565	8.540	8.598	PH	-7336	-258409	-3.67%	-0.280%
161	8.613	8.598	8.623	PH	-7533	-116883	-1.66%	-0.127%
162	8.649	8.623	8.677	PH	-4994	-216265	-3.07%	-0.234%
163	8.699	8.677	8.704	PH	-7056	-115988	-1.65%	-0.126%
164	8.724	8.704	8.733	PH	-6013	-113363	-1.61%	-0.123%
165	8.771	8.733	8.803	PH	10678	-40239	-0.57%	-0.044%
166	8.821	8.803	8.853	PH	-5675	-202087	-2.87%	-0.219%
167	8.872	8.853	8.895	PH	-6558	-174832	-2.48%	-0.189%
168	8.903	8.895	8.919	PH	-7042	-104882	-1.49%	-0.114%
169	8.932	8.919	8.947	PH	-7232	-123406	-1.75%	-0.134%
170	8.966	8.947	8.993	PH	-7099	-198177	-2.81%	-0.215%
171	9.019	8.993	9.039	PH	-6111	-184659	-2.62%	-0.200%
172	9.058	9.039	9.077	PH	-1561	-110649	-1.57%	-0.120%
173	9.107	9.077	9.128	PH	-1617	-161703	-2.30%	-0.175%
174	9.158	9.128	9.192	PH	-2361	-232997	-3.31%	-0.252%
175	9.221	9.192	9.240	PH	-6789	-211491	-3.00%	-0.229%
176	9.251	9.240	9.269	PH	-7286	-130166	-1.85%	-0.141%
177	9.300	9.269	9.325	PH	-6333	-239841	-3.41%	-0.260%
178	9.345	9.325	9.378	PH	-5235	-211949	-3.01%	-0.230%
179	9.396	9.378	9.403	PH	-7281	-107657	-1.53%	-0.117%
180	9.425	9.403	9.460	PH	-4657	-222412	-3.16%	-0.241%
181	9.485	9.460	9.510	PH	-5022	-189663	-2.69%	-0.205%
182	9.524	9.510	9.539	PH	-6583	-119650	-1.70%	-0.130%
183	9.561	9.539	9.587	PH	-6572	-200795	-2.85%	-0.217%
184	9.612	9.587	9.636	PH	-6332	-203633	-2.89%	-0.221%
185	9.666	9.636	9.687	PH	-6306	-212909	-3.02%	-0.231%
186	9.723	9.687	9.740	PH	-6272	-216094	-3.07%	-0.234%
187	9.754	9.740	9.778	PH	-6461	-156467	-2.22%	-0.169%
188	9.819	9.778	9.842	PH	-5939	-248627	-3.53%	-0.269%
189	9.845	9.842	9.852	PH	-6654	-39142	-0.56%	-0.042%
190	9.890	9.852	9.939	PH	631831	6701579	95.15%	7.257%
191	9.957	9.939	9.975	PH	-6173	-142836	-2.03%	-0.155%
192	9.988	9.975	10.014	PH	-5992	-151065	-2.14%	-0.164%
193	10.038	10.014	10.077	PH	-3223	-222457	-3.16%	-0.241%
194	10.102	10.077	10.120	PH	-6923	-181502	-2.58%	-0.197%

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195	10.159	10.120	10.180	PH	-6566	-245575	-3.49%	-0.266%
196	10.188	10.180	10.201	PH	-6854	-91096	-1.29%	-0.099%
197	10.225	10.201	10.246	PH	-4628	-155084	-2.20%	-0.168%
198	10.271	10.246	10.297	PH	-4083	-167612	-2.38%	-0.182%
199	10.323	10.297	10.349	PH	-3700	-166560	-2.36%	-0.180%
200	10.363	10.349	10.390	PH	-5706	-150879	-2.14%	-0.163%
201	10.412	10.390	10.459	PH	-3358	-216351	-3.07%	-0.234%
202	10.464	10.459	10.484	PH	-6175	-96522	-1.37%	-0.105%
203	10.509	10.484	10.537	PH	-3461	-165570	-2.35%	-0.179%
204	10.574	10.537	10.586	PH	-4724	-157204	-2.23%	-0.170%
205	10.601	10.586	10.608	PH	-3885	-60169	-0.85%	-0.065%
206	10.623	10.608	10.664	PH	-2694	-162793	-2.31%	-0.176%
207	10.694	10.664	10.707	PH	-4758	-137103	-1.95%	-0.148%
208	10.722	10.707	10.738	PH	-4209	-88566	-1.26%	-0.096%
209	10.765	10.738	10.800	PH	3045	-113922	-1.62%	-0.123%
210	10.805	10.800	10.825	PH	-6009	-89248	-1.27%	-0.097%
211	10.842	10.825	10.856	PH	-5732	-110540	-1.57%	-0.120%
212	10.891	10.856	10.920	PH	-3848	-195613	-2.78%	-0.212%
213	10.941	10.920	10.976	PH	-2939	-153590	-2.18%	-0.166%
214	10.995	10.976	11.027	PH	-4021	-151338	-2.15%	-0.164%
215	11.044	11.027	11.063	PH	-4795	-112300	-1.59%	-0.122%
216	11.077	11.063	11.087	PH	-4869	-71010	-1.01%	-0.077%
217	11.103	11.087	11.120	PH	-3913	-97264	-1.38%	-0.105%
218	11.133	11.120	11.169	PH	-4760	-154350	-2.19%	-0.167%
219	11.183	11.169	11.205	PH	-5376	-122217	-1.74%	-0.132%
220	11.215	11.205	11.230	PH	-5723	-85032	-1.21%	-0.092%
221	11.261	11.230	11.280	PH	-4802	-162987	-2.31%	-0.177%
222	11.331	11.280	11.385	PH	626062	6821959	96.86%	7.388%
223	11.415	11.385	11.464	PH	-3993	-236161	-3.35%	-0.256%
224	11.486	11.464	11.500	PH	-4653	-111973	-1.59%	-0.121%
225	11.520	11.500	11.554	PH	-909	-131064	-1.86%	-0.142%
226	11.577	11.554	11.605	PH	-1409	-119962	-1.70%	-0.130%
227	11.623	11.605	11.660	PH	-4270	-152108	-2.16%	-0.165%
228	11.680	11.660	11.708	PH	-3730	-126403	-1.79%	-0.137%
229	11.744	11.708	11.781	PH	-2715	-192225	-2.73%	-0.208%
230	11.811	11.781	11.831	PH	-3221	-133596	-1.90%	-0.145%
231	11.849	11.831	11.870	PH	-4681	-115509	-1.64%	-0.125%
232	11.880	11.870	11.907	PH	-5003	-114804	-1.63%	-0.124%
233	11.912	11.907	11.917	PH	-5419	-33951	-0.48%	-0.037%
234	11.925	11.917	11.950	PH	-5311	-105616	-1.50%	-0.114%
235	11.995	11.950	12.023	PH	-3694	-205475	-2.92%	-0.223%
236	12.046	12.023	12.060	PH	-4304	-103814	-1.47%	-0.112%
237	12.085	12.060	12.123	PH	-2418	-149195	-2.12%	-0.162%
238	12.127	12.123	12.145	PH	-4697	-65145	-0.92%	-0.071%
239	12.153	12.145	12.167	PH	-4894	-66205	-0.94%	-0.072%
240	12.200	12.167	12.212	PH	-4569	-131253	-1.86%	-0.142%
241	12.255	12.212	12.320	PH	173703	2320922	32.95%	2.513%
242	12.330	12.320	12.358	PH	-1801	-58332	-0.83%	-0.063%
243	12.364	12.358	12.389	PH	-3214	-64159	-0.91%	-0.069%
244	12.406	12.389	12.419	PH	-3340	-64798	-0.92%	-0.070%
245	12.432	12.419	12.444	PH	-3173	-50839	-0.72%	-0.055%
246	12.460	12.444	12.481	PH	-2270	-72577	-1.03%	-0.079%

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247	12.489	12.481	12.512	PH	-4076	-78694	-1.12%	-0.085%
248	12.574	12.512	12.594	PH	-3271	-197226	-2.80%	-0.214%
249	12.641	12.594	12.676	PH	602857	7042909	100.00%	7.627%
250	12.697	12.676	12.721	PH	-2929	-98336	-1.40%	-0.106%
251	12.746	12.721	12.774	PH	627	-61869	-0.88%	-0.067%
252	12.788	12.774	12.818	PH	-2639	-99227	-1.41%	-0.107%
253	12.829	12.818	12.842	PH	-4609	-66756	-0.95%	-0.072%
254	12.866	12.842	12.888	PH	-786	-77173	-1.10%	-0.084%
255	12.910	12.888	12.941	PH	-2788	-113339	-1.61%	-0.123%
256	12.974	12.941	13.010	PH	10017	992	0.01%	0.001%
257	13.033	13.010	13.068	PH	-1862	-111280	-1.58%	-0.121%
258	13.098	13.068	13.139	PH	-1611	-131236	-1.86%	-0.142%
259	13.155	13.139	13.176	PH	-3293	-85362	-1.21%	-0.092%
260	13.191	13.176	13.218	PH	-4140	-114562	-1.63%	-0.124%
261	13.258	13.218	13.292	PH	9970	36933	0.52%	0.040%
262	13.310	13.292	13.378	PH	4044	-60617	-0.86%	-0.066%
263	13.384	13.378	13.414	PH	-3432	-80411	-1.14%	-0.087%
264	13.436	13.414	13.449	PH	-1762	-61567	-0.87%	-0.067%
265	13.474	13.449	13.585	PH	40782	282633	4.01%	0.306%
266	13.620	13.585	13.641	PH	-3476	-126964	-1.80%	-0.137%
267	13.645	13.641	13.663	PH	-3772	-51502	-0.73%	-0.056%
268	13.674	13.663	13.687	PH	-3782	-58210	-0.83%	-0.063%
269	13.704	13.687	13.724	PH	-3810	-89228	-1.27%	-0.097%
270	13.742	13.724	13.754	PH	-3724	-71114	-1.01%	-0.077%
271	13.786	13.754	13.803	PH	771	-60192	-0.85%	-0.065%
272	13.838	13.803	13.881	PH	588395	6971425	98.99%	7.549%
273	13.892	13.881	13.912	PH	-4355	-85734	-1.22%	-0.093%
274	13.930	13.912	13.969	PH	-4324	-157415	-2.24%	-0.170%
275	13.974	13.969	13.999	PH	-4989	-88598	-1.26%	-0.096%
276	14.017	13.999	14.024	PH	-4900	-76339	-1.08%	-0.083%
277	14.055	14.024	14.114	PH	-4669	-263592	-3.74%	-0.285%
278	14.117	14.114	14.157	PH	-5008	-132584	-1.88%	-0.144%
279	14.194	14.157	14.202	PH	-4366	-133594	-1.90%	-0.145%
280	14.224	14.202	14.320	PH	2223	-227411	-3.23%	-0.246%
281	14.329	14.320	14.368	PH	-5068	-148064	-2.10%	-0.160%
282	14.398	14.368	14.421	PH	1888	-71392	-1.01%	-0.077%
283	14.449	14.421	14.476	PH	3249	-43933	-0.62%	-0.048%
284	14.484	14.476	14.537	PH	-3549	-158122	-2.25%	-0.171%
285	14.554	14.537	14.579	PH	-4697	-125369	-1.78%	-0.136%
286	14.610	14.579	14.648	PH	347	-140357	-1.99%	-0.152%
287	14.666	14.648	14.697	PH	-4674	-141782	-2.01%	-0.154%
288	14.737	14.697	14.770	PH	374157	4887491	69.40%	5.293%
289	14.787	14.770	14.841	PH	-1633	-158809	-2.25%	-0.172%
290	14.860	14.841	14.874	PH	-4854	-96046	-1.36%	-0.104%
291	14.942	14.874	14.970	PH	550507	6814208	96.75%	7.379%
292	14.982	14.970	15.025	PH	-2094	-139988	-1.99%	-0.152%
293	15.027	15.025	15.032	PH	-5251	-21189	-0.30%	-0.023%
294	15.034	15.032	15.039	PH	-5263	-21241	-0.30%	-0.023%
295	15.049	15.039	15.063	PH	-5222	-77747	-1.10%	-0.084%
296	15.084	15.063	15.112	PH	-4219	-144548	-2.05%	-0.157%
297	15.134	15.112	15.174	PH	-4722	-188087	-2.67%	-0.204%
298	15.180	15.174	15.190	PH	-5343	-53555	-0.76%	-0.058%
299	15.203	15.190	15.215	PH	-5301	-80078	-1.14%	-0.087%

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300	15.226	15.215	15.232	PH	-5295	-54092	-0.77%	-0.059%
301	15.246	15.232	15.257	PH	-5229	-79919	-1.13%	-0.087%
302	15.270	15.257	15.278	PH	-5043	-65648	-0.93%	-0.071%
303	15.314	15.278	15.432	PH	221463	2647461	37.59%	2.867%
304	15.455	15.432	15.490	PH	758	-86357	-1.23%	-0.094%
305	15.533	15.490	15.564	PH	6399	-57284	-0.81%	-0.062%
306	15.584	15.564	15.614	PH	-4144	-138218	-1.96%	-0.150%
307	15.630	15.614	15.645	PH	-4504	-88148	-1.25%	-0.095%
308	15.665	15.645	15.692	PH	-3549	-119411	-1.70%	-0.129%
309	15.697	15.692	15.710	PH	-4507	-51435	-0.73%	-0.056%
310	15.717	15.710	15.730	PH	-4498	-55665	-0.79%	-0.060%
311	15.747	15.730	15.768	PH	-4312	-103163	-1.46%	-0.112%
312	15.775	15.768	15.800	PH	-4618	-91335	-1.30%	-0.099%
313	15.833	15.800	15.902	PH	301	-208080	-2.95%	-0.225%
314	15.962	15.902	16.007	PH	524497	6662992	94.61%	7.215%
315	16.019	16.007	16.064	PH	-3883	-153852	-2.18%	-0.167%
316	16.106	16.064	16.124	PH	-4704	-172145	-2.44%	-0.186%
317	16.155	16.124	16.192	PH	-4313	-190067	-2.70%	-0.206%
318	16.209	16.192	16.234	PH	-4651	-118263	-1.68%	-0.128%
319	16.261	16.234	16.297	PH	-3437	-153297	-2.18%	-0.166%
320	16.327	16.297	16.376	PH	13766	90455	1.28%	0.098%
321	16.400	16.376	16.417	PH	-2048	-66148	-0.94%	-0.072%
322	16.439	16.417	16.471	PH	2665	-46940	-0.67%	-0.051%
323	16.517	16.471	16.542	PH	-1958	-158319	-2.25%	-0.171%
324	16.566	16.542	16.623	PH	-808	-169663	-2.41%	-0.184%
325	16.637	16.623	16.662	PH	-4189	-103453	-1.47%	-0.112%
326	16.693	16.662	16.776	PH	295	-162379	-2.31%	-0.176%
327	16.803	16.776	16.852	PH	-2725	-154232	-2.19%	-0.167%
328	16.912	16.852	16.942	PH	486921	6631796	94.16%	7.182%
329	16.959	16.942	17.007	PH	6296	-5750	-0.08%	-0.006%
330	17.024	17.007	17.042	PH	-4020	-86234	-1.22%	-0.093%
331	17.047	17.042	17.081	PH	-4143	-100667	-1.43%	-0.109%
332	17.102	17.081	17.126	PH	-4069	-113964	-1.62%	-0.123%
333	17.143	17.126	17.159	PH	-3889	-81347	-1.16%	-0.088%
334	17.181	17.159	17.189	PH	-4022	-74600	-1.06%	-0.081%
335	17.199	17.189	17.215	PH	-3948	-63758	-0.91%	-0.069%
336	17.270	17.215	17.315	PH	1403	-133524	-1.90%	-0.145%
337	17.356	17.315	17.403	PH	11581	25233	0.36%	0.027%
338	17.440	17.403	17.511	PH	-1476	-208246	-2.96%	-0.226%
339	17.515	17.511	17.524	PH	-3674	-29347	-0.42%	-0.032%
340	17.529	17.524	17.556	PH	-3653	-70761	-1.00%	-0.077%
341	17.580	17.556	17.602	PH	-3491	-100939	-1.43%	-0.109%
342	17.639	17.602	17.658	PH	-2812	-107883	-1.53%	-0.117%
343	17.681	17.658	17.687	PH	-2999	-54731	-0.78%	-0.059%
344	17.719	17.687	17.734	PH	-1545	-63331	-0.90%	-0.069%
345	17.747	17.734	17.756	PH	-1225	-19186	-0.27%	-0.021%
346	17.799	17.756	17.834	PH	481749	6600430	93.72%	7.148%
347	17.883	17.834	17.917	PH	1972	-53648	-0.76%	-0.058%
348	17.921	17.917	17.954	PH	-2547	-62034	-0.88%	-0.067%
349	17.977	17.954	17.982	PH	-2679	-48079	-0.68%	-0.052%
350	17.986	17.982	17.989	PH	-2745	-11321	-0.16%	-0.012%
351	18.025	17.989	18.048	PH	451	-52166	-0.74%	-0.056%

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352	18.072	18.048	18.093	PH	-1723	-57128	-0.81%	-0.062%
353	18.149	18.093	18.192	PH	82687	1219703	17.32%	1.321%
354	18.217	18.192	18.277	HH	17942	212493	3.02%	0.230%
355	18.307	18.277	18.339	PH	3949	6012	0.09%	0.007%
356	18.347	18.339	18.382	PH	-1806	-53602	-0.76%	-0.058%
357	18.419	18.382	18.427	PH	-1742	-55536	-0.79%	-0.060%
358	18.429	18.427	18.450	PH	-1773	-27293	-0.39%	-0.030%
359	18.485	18.450	18.494	PH	-1337	-42804	-0.61%	-0.046%
360	18.515	18.494	18.546	PH	-775	-36080	-0.51%	-0.039%
361	18.572	18.546	18.587	PH	1796	10229	0.15%	0.011%
362	18.633	18.587	18.685	HH	476131	6683427	94.90%	7.238%
363	18.732	18.685	18.764	PH	4665	91797	1.30%	0.099%
364	18.787	18.764	18.821	PH	2213	20244	0.29%	0.022%
365	18.827	18.821	18.853	PH	-788	-16868	-0.24%	-0.018%
366	18.886	18.853	18.914	PH	308	-8787	-0.12%	-0.010%
367	18.929	18.914	18.935	PH	-130	-3490	-0.05%	-0.004%
368	18.978	18.935	19.005	PH	64610	1012600	14.38%	1.097%
369	19.025	19.005	19.077	HH	24389	469971	6.67%	0.509%
370	19.110	19.077	19.155	HH	2499	92988	1.32%	0.101%
371	19.222	19.155	19.245	HH	8819	196293	2.79%	0.213%
372	19.262	19.245	19.292	HH	3071	67591	0.96%	0.073%
373	19.315	19.292	19.355	HH	2193	67999	0.97%	0.074%
374	19.416	19.355	19.455	HH	431178	6430473	91.30%	6.964%
375	19.513	19.455	19.545	HH	10222	303499	4.31%	0.329%
376	19.580	19.545	19.614	HH	5772	154561	2.19%	0.167%
377	19.650	19.614	19.660	HH	3015	71821	1.02%	0.078%
378	19.689	19.660	19.728	HH	4574	144511	2.05%	0.156%
379	19.783	19.728	19.847	HH	17369	551997	7.84%	0.598%
380	19.865	19.847	19.869	HH	3369	42809	0.61%	0.046%
381	19.885	19.869	19.900	HH	3487	63679	0.90%	0.069%
382	19.931	19.900	19.947	HH	3709	96465	1.37%	0.104%
383	20.003	19.947	20.014	HH	8717	231241	3.28%	0.250%
384	20.033	20.014	20.091	HH	13200	383291	5.44%	0.415%
385	20.155	20.091	20.241	HH	443601	6715131	95.35%	7.272%
386	20.312	20.241	20.349	HH	31513	767627	10.90%	0.831%
387	20.380	20.349	20.400	HH	7512	196805	2.79%	0.213%
388	20.417	20.400	20.438	HH	7050	150675	2.14%	0.163%
389	20.458	20.438	20.473	HH	7667	152890	2.17%	0.166%
390	20.506	20.473	20.539	HH	16816	427225	6.07%	0.463%
391	20.554	20.539	20.587	HH	7313	192468	2.73%	0.208%
392	20.607	20.587	20.634	HH	6609	179027	2.54%	0.194%
393	20.638	20.634	20.650	HH	6147	60671	0.86%	0.066%
394	20.695	20.650	20.737	HH	8102	372964	5.30%	0.404%
395	20.779	20.737	20.785	HH	8139	217556	3.09%	0.236%
396	20.803	20.785	20.846	HH	8787	280851	3.99%	0.304%
397	20.901	20.846	21.004	HH	353859	6777837	96.24%	7.340%
398	21.008	21.004	21.030	HH	7015	107603	1.53%	0.117%
399	21.042	21.030	21.122	HH	6920	365988	5.20%	0.396%
400	21.129	21.122	21.147	HH	6255	92811	1.32%	0.101%
401	21.160	21.147	21.182	HH	6230	128923	1.83%	0.140%
402	21.190	21.182	21.197	HH	6114	54779	0.78%	0.059%
403	21.241	21.197	21.275	HH	7402	323595	4.59%	0.350%
404	21.330	21.275	21.437	HH	14486	832451	11.82%	0.901%

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405	21.441	21.437	21.469	HH	6326	118752	1.69%	0.129%
406	21.483	21.469	21.491	HH	6231	82670	1.17%	0.090%
407	21.496	21.491	21.514	HH	6178	84482	1.20%	0.091%
408	21.519	21.514	21.547	HH	6244	121075	1.72%	0.131%
409	21.572	21.547	21.584	HH	6366	137968	1.96%	0.149%
410	21.587	21.584	21.601	HH	6314	61305	0.87%	0.066%
411	21.632	21.601	21.639	HH	6164	139459	1.98%	0.151%
412	21.704	21.639	21.756	HH	12652	578993	8.22%	0.627%
413	21.832	21.756	21.900	HHA	253569	6609620	93.85%	7.158%
					Sum of corrected areas:		92343053	

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