

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033668.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 14:53
 Sample : M2170-16 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE042221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.023	3.003	3.031	BH	111	-225	-0.00%	-0.000%
2	3.059	3.031	3.098	PH	625	909	0.01%	0.000%
3	3.114	3.098	3.123	PH	350	502	0.00%	0.000%
4	3.134	3.123	3.164	HH	988	-834	-0.01%	-0.000%
5	3.182	3.164	3.198	PH	-116	-8890	-0.07%	-0.001%
6	3.209	3.198	3.226	PH	-216	-10761	-0.09%	-0.002%
7	3.251	3.226	3.265	PH	-162	-14466	-0.12%	-0.002%
8	3.275	3.265	3.289	PH	-664	-14277	-0.11%	-0.002%
9	3.303	3.289	3.349	PH	-549	-42295	-0.34%	-0.006%
10	3.353	3.349	3.363	PH	-1442	-12567	-0.10%	-0.002%
11	3.372	3.363	3.396	PH	-1398	-29905	-0.24%	-0.004%
12	3.399	3.396	3.404	PH	-1524	-7333	-0.06%	-0.001%
13	3.421	3.404	3.433	PH	-685	-20470	-0.16%	-0.003%
14	3.442	3.433	3.459	PH	-1101	-21285	-0.17%	-0.003%
15	3.466	3.459	3.494	PH	-1495	-35508	-0.29%	-0.005%
16	3.499	3.494	3.519	PH	-1812	-28708	-0.23%	-0.004%
17	3.524	3.519	3.534	PH	-1848	-17015	-0.14%	-0.002%
18	3.548	3.534	3.559	PH	-1575	-25670	-0.21%	-0.004%
19	3.571	3.559	3.588	PH	-1689	-31472	-0.25%	-0.004%
20	3.597	3.588	3.604	PH	-1797	-18307	-0.15%	-0.003%
21	3.616	3.604	3.638	PH	-1661	-37393	-0.30%	-0.005%
22	3.640	3.638	3.652	PH	-2038	-18744	-0.15%	-0.003%
23	3.659	3.652	3.671	PH	-2095	-23815	-0.19%	-0.003%
24	3.691	3.671	3.702	PH	-1374	-30289	-0.24%	-0.004%
25	3.713	3.702	3.763	PH	-1234	-64493	-0.52%	-0.009%
26	3.788	3.763	3.837	PH	-694	-74743	-0.60%	-0.011%
27	3.860	3.837	3.877	PH	-1819	-49115	-0.39%	-0.007%
28	3.889	3.877	3.894	PH	-2049	-22396	-0.18%	-0.003%
29	3.909	3.894	3.945	PH	-1676	-62789	-0.50%	-0.009%
30	3.959	3.945	3.971	PH	-2140	-35995	-0.29%	-0.005%
31	3.995	3.971	4.045	PH	-1373	-96770	-0.78%	-0.014%
32	4.067	4.045	4.093	PH	8442	28264	0.23%	0.004%
33	4.106	4.093	4.127	PH	-905	-32237	-0.26%	-0.005%
34	4.131	4.127	4.142	PH	-2156	-20827	-0.17%	-0.003%
35	4.146	4.142	4.153	PH	-2204	-13735	-0.11%	-0.002%
36	4.156	4.153	4.160	PH	-2179	-9697	-0.08%	-0.001%

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37	4.175	4.160	4.203	PH	-1963	-59102	-0.47%	-0.008%
38	4.245	4.203	4.261	PH	-1227	-69336	-0.56%	-0.010%
39	4.273	4.261	4.316	PH	-1644	-70727	-0.57%	-0.010%
40	4.323	4.316	4.338	PH	-2420	-32961	-0.26%	-0.005%
41	4.343	4.338	4.362	PH	-2535	-37414	-0.30%	-0.005%
42	4.392	4.362	4.402	PH	-2416	-63393	-0.51%	-0.009%
43	4.409	4.402	4.419	PH	-2525	-25011	-0.20%	-0.004%
44	4.434	4.419	4.455	PH	-2370	-55086	-0.44%	-0.008%
45	4.474	4.455	4.499	PH	-1141	-53191	-0.43%	-0.008%
46	4.521	4.499	4.537	PH	-2042	-53060	-0.43%	-0.008%
47	4.550	4.537	4.559	PH	-2296	-32766	-0.26%	-0.005%
48	4.579	4.559	4.603	PH	-2303	-64797	-0.52%	-0.009%
49	4.622	4.603	4.651	PH	-1390	-59672	-0.48%	-0.008%
50	4.692	4.651	4.716	PH	-326	-68285	-0.55%	-0.010%
51	4.727	4.716	4.741	PH	-1851	-32324	-0.26%	-0.005%
52	4.758	4.741	4.772	PH	-2071	-42615	-0.34%	-0.006%
53	4.782	4.772	4.790	PH	-2312	-25255	-0.20%	-0.004%
54	4.807	4.790	4.840	PH	-1174	-59746	-0.48%	-0.009%
55	4.850	4.840	4.867	PH	-2090	-38039	-0.31%	-0.005%
56	4.888	4.867	4.909	PH	-2156	-59192	-0.48%	-0.008%
57	4.928	4.909	4.986	PH	-1630	-107871	-0.87%	-0.015%
58	5.024	4.986	5.053	PH	-1385	-86582	-0.70%	-0.012%
59	5.063	5.053	5.069	PH	-2423	-24263	-0.19%	-0.003%
60	5.081	5.069	5.095	PH	-2251	-35865	-0.29%	-0.005%
61	5.113	5.095	5.138	PH	-2091	-59252	-0.48%	-0.008%
62	5.167	5.138	5.179	PH	-2173	-56649	-0.45%	-0.008%
63	5.192	5.179	5.201	PH	-2076	-29593	-0.24%	-0.004%
64	5.212	5.201	5.231	PH	-1843	-38552	-0.31%	-0.005%
65	5.244	5.231	5.268	PH	-2397	-56422	-0.45%	-0.008%
66	5.278	5.268	5.291	PH	-2378	-34790	-0.28%	-0.005%
67	5.326	5.291	5.347	PH	-561	-62962	-0.51%	-0.009%
68	5.365	5.347	5.369	PH	-2322	-31997	-0.26%	-0.005%
69	5.384	5.369	5.416	PH	-1778	-62378	-0.50%	-0.009%
70	5.430	5.416	5.449	PH	-2436	-48330	-0.39%	-0.007%
71	5.464	5.449	5.485	PH	-2296	-53504	-0.43%	-0.008%
72	5.508	5.485	5.526	PH	-457	-39179	-0.31%	-0.006%
73	5.545	5.526	5.574	PH	-926	-47804	-0.38%	-0.007%
74	5.579	5.574	5.587	PH	-2403	-18813	-0.15%	-0.003%
75	5.601	5.587	5.607	PH	-2374	-29163	-0.23%	-0.004%
76	5.618	5.607	5.631	PH	-2252	-34666	-0.28%	-0.005%
77	5.638	5.631	5.654	PH	-2347	-33663	-0.27%	-0.005%
78	5.660	5.654	5.664	PH	-2407	-14623	-0.12%	-0.002%
79	5.700	5.664	5.718	PH	-1881	-69200	-0.56%	-0.010%
80	5.739	5.718	5.748	PH	-1378	-32613	-0.26%	-0.005%
81	5.761	5.748	5.771	PH	-1349	-21276	-0.17%	-0.003%
82	5.793	5.771	5.801	PH	-1052	-23510	-0.19%	-0.003%
83	5.810	5.801	5.834	PH	-852	-30647	-0.25%	-0.004%
84	5.849	5.834	5.863	PH	-1588	-32757	-0.26%	-0.005%
85	5.877	5.863	5.896	PH	-1751	-39225	-0.31%	-0.006%
86	5.909	5.896	5.926	PH	-1810	-35527	-0.29%	-0.005%
87	5.942	5.926	5.954	PH	-707	-22219	-0.18%	-0.003%
88	5.961	5.954	5.982	PH	-1461	-29569	-0.24%	-0.004%
89	6.014	5.982	6.030	PH	-1255	-48520	-0.39%	-0.007%

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90	6.060	6.030	6.095	PH	18567	130475	1.05%	0.019%
91	6.107	6.095	6.129	PH	-1141	-31886	-0.26%	-0.005%
92	6.152	6.129	6.156	PH	-1444	-27701	-0.22%	-0.004%
93	6.160	6.156	6.174	PH	-1442	-18086	-0.15%	-0.003%
94	6.199	6.174	6.223	PH	-208	-32611	-0.26%	-0.005%
95	6.236	6.223	6.253	PH	-1506	-31491	-0.25%	-0.004%
96	6.275	6.253	6.287	PH	-1190	-31610	-0.25%	-0.004%
97	6.330	6.287	6.398	PH	-557	-90796	-0.73%	-0.013%
98	6.413	6.398	6.430	PH	-1411	-31423	-0.25%	-0.004%
99	6.445	6.430	6.458	PH	-1692	-29751	-0.24%	-0.004%
100	6.487	6.458	6.536	PH	1431	-42635	-0.34%	-0.006%
101	6.559	6.536	6.583	PH	-1363	-45577	-0.37%	-0.006%
102	6.603	6.583	6.622	PH	-1236	-34514	-0.28%	-0.005%
103	6.636	6.622	6.667	PH	-1067	-40828	-0.33%	-0.006%
104	6.687	6.667	6.725	PH	-1050	-53598	-0.43%	-0.008%
105	6.743	6.725	6.750	PH	-1604	-25585	-0.21%	-0.004%
106	6.770	6.750	6.783	PH	-701	-23948	-0.19%	-0.003%
107	6.795	6.783	6.801	PH	-1035	-12557	-0.10%	-0.002%
108	6.809	6.801	6.843	PH	-932	-31554	-0.25%	-0.004%
109	6.849	6.843	6.852	PH	-1549	-8680	-0.07%	-0.001%
110	6.865	6.852	6.878	PH	-1185	-20043	-0.16%	-0.003%
111	6.891	6.878	6.919	PH	-786	-28005	-0.22%	-0.004%
112	6.924	6.919	6.938	PH	-1387	-16116	-0.13%	-0.002%
113	6.964	6.938	6.980	PH	-579	-22628	-0.18%	-0.003%
114	6.991	6.980	6.997	PH	-915	-10223	-0.08%	-0.001%
115	7.013	6.997	7.034	PH	-773	-20156	-0.16%	-0.003%
116	7.052	7.034	7.079	PH	-594	-24320	-0.20%	-0.003%
117	7.116	7.079	7.152	PH	12545	92235	0.74%	0.013%
118	7.167	7.152	7.180	PH	-320	-9092	-0.07%	-0.001%
119	7.191	7.180	7.226	PH	-440	-22578	-0.18%	-0.003%
120	7.251	7.226	7.274	PH	11408	86501	0.69%	0.012%
121	7.280	7.274	7.299	PH	-694	-12938	-0.10%	-0.002%
122	7.310	7.299	7.331	PH	-929	-20228	-0.16%	-0.003%
123	7.338	7.331	7.345	PH	-1153	-10260	-0.08%	-0.001%
124	7.371	7.345	7.389	PH	-1033	-29544	-0.24%	-0.004%
125	7.411	7.389	7.440	PH	765	-15869	-0.13%	-0.002%
126	7.448	7.440	7.451	PH	-1171	-7596	-0.06%	-0.001%
127	7.470	7.451	7.484	PH	-800	-18926	-0.15%	-0.003%
128	7.488	7.484	7.494	PH	-807	-5190	-0.04%	-0.001%
129	7.497	7.494	7.518	PH	-830	-13544	-0.11%	-0.002%
130	7.543	7.518	7.561	PH	-675	-22687	-0.18%	-0.003%
131	7.566	7.561	7.572	PH	-894	-6304	-0.05%	-0.001%
132	7.590	7.572	7.616	PH	-475	-20710	-0.17%	-0.003%
133	7.644	7.616	7.658	PH	-758	-23882	-0.19%	-0.003%
134	7.668	7.658	7.678	PH	-1003	-12598	-0.10%	-0.002%
135	7.701	7.678	7.728	PH	-528	-24743	-0.20%	-0.004%
136	7.750	7.728	7.765	PH	-480	-16166	-0.13%	-0.002%
137	7.770	7.765	7.779	PH	-810	-7271	-0.06%	-0.001%
138	7.839	7.779	7.919	PH	3944	3289	0.03%	0.000%
139	7.939	7.919	7.955	PH	-369	-12288	-0.10%	-0.002%
140	7.997	7.955	8.024	PH	1020	2737	0.02%	0.000%
141	8.031	8.024	8.051	PH	-24	-2496	-0.02%	-0.000%

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142	8.063	8.051	8.068	PH	-202	-2588	-0.02%	-0.000%
143	8.096	8.068	8.100	PH	4361	35139	0.28%	0.005%
144	8.107	8.100	8.150	HH	4638	40664	0.33%	0.006%
145	8.174	8.150	8.188	PH	608	5397	0.04%	0.001%
146	8.213	8.188	8.228	HH	11122	113286	0.91%	0.016%
147	8.242	8.228	8.260	HH	8211	93536	0.75%	0.013%
148	8.280	8.260	8.311	HH	3570	54808	0.44%	0.008%
149	8.342	8.311	8.358	PH	10352	101022	0.81%	0.014%
150	8.397	8.358	8.437	HH	40861	483675	3.88%	0.069%
151	8.447	8.437	8.468	HH	721	10517	0.08%	0.001%
152	8.487	8.468	8.509	HH	2710	30252	0.24%	0.004%
153	8.517	8.509	8.531	HH	522	5997	0.05%	0.001%
154	8.534	8.531	8.542	HH	394	1755	0.01%	0.000%
155	8.558	8.542	8.594	HH	479	8402	0.07%	0.001%
156	8.608	8.594	8.615	HH	345	2558	0.02%	0.000%
157	8.643	8.615	8.666	HH	3523	43717	0.35%	0.006%
158	8.692	8.666	8.717	HH	23672	249470	2.00%	0.036%
159	8.737	8.717	8.782	HH	4714	82463	0.66%	0.012%
160	8.811	8.782	8.845	HH	2842	67824	0.54%	0.010%
161	8.854	8.845	8.866	HH	1266	14603	0.12%	0.002%
162	8.880	8.866	8.893	HH	1248	17934	0.14%	0.003%
163	8.933	8.893	8.946	HH	4337	75073	0.60%	0.011%
164	8.965	8.946	8.989	HH	24228	258361	2.07%	0.037%
165	9.003	8.989	9.011	HH	2224	26798	0.22%	0.004%
166	9.016	9.011	9.043	HH	2132	34101	0.27%	0.005%
167	9.056	9.043	9.072	HH	2119	28402	0.23%	0.004%
168	9.103	9.072	9.123	HH	7632	105412	0.85%	0.015%
169	9.143	9.123	9.177	HH	5944	89087	0.72%	0.013%
170	9.199	9.177	9.221	HH	1807	34594	0.28%	0.005%
171	9.259	9.221	9.275	HH	5688	86329	0.69%	0.012%
172	9.290	9.275	9.323	HH	5191	79331	0.64%	0.011%
173	9.342	9.323	9.361	HH	4881	68324	0.55%	0.010%
174	9.395	9.361	9.413	HH	5893	105207	0.84%	0.015%
175	9.434	9.413	9.453	HH	5469	84130	0.68%	0.012%
176	9.477	9.453	9.534	HH	42785	559679	4.49%	0.080%
177	9.558	9.534	9.586	HH	7190	137416	1.10%	0.020%
178	9.599	9.586	9.608	HH	4415	49136	0.39%	0.007%
179	9.627	9.608	9.647	HH	8759	134908	1.08%	0.019%
180	9.656	9.647	9.669	HH	3592	43625	0.35%	0.006%
181	9.689	9.669	9.722	HH	6106	119639	0.96%	0.017%
182	9.739	9.722	9.774	HH	4149	94044	0.76%	0.013%
183	9.799	9.774	9.832	HH	13586	217638	1.75%	0.031%
184	9.844	9.832	9.863	HH	3650	66040	0.53%	0.009%
185	9.899	9.863	9.942	HH	17606	355908	2.86%	0.051%
186	9.962	9.942	9.983	HH	5434	98267	0.79%	0.014%
187	9.991	9.983	10.016	HH	3603	60879	0.49%	0.009%
188	10.035	10.016	10.043	HH	2908	42724	0.34%	0.006%
189	10.064	10.043	10.119	HH	3635	131169	1.05%	0.019%
190	10.124	10.119	10.129	HH	2266	14625	0.12%	0.002%
191	10.138	10.129	10.143	HH	2352	18224	0.15%	0.003%
192	10.168	10.143	10.181	HH	2845	59525	0.48%	0.008%
193	10.187	10.181	10.201	HH	2817	33848	0.27%	0.005%
194	10.223	10.201	10.254	HH	5063	122019	0.98%	0.017%

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195	10.274	10.254	10.293	HH	5071	95404	0.77%	0.014%
196	10.332	10.293	10.342	HH	7475	156184	1.25%	0.022%
197	10.360	10.342	10.382	HH	15116	226077	1.82%	0.032%
198	10.400	10.382	10.439	HH	9319	194845	1.56%	0.028%
199	10.478	10.439	10.494	HH	11126	222445	1.79%	0.032%
200	10.505	10.494	10.511	HH	7042	67994	0.55%	0.010%
201	10.530	10.511	10.566	HH	19493	337976	2.71%	0.048%
202	10.573	10.566	10.591	HH	5573	77039	0.62%	0.011%
203	10.621	10.591	10.632	HH	9280	173521	1.39%	0.025%
204	10.648	10.632	10.661	HH	13828	186028	1.49%	0.026%
205	10.683	10.661	10.724	HH	22158	472182	3.79%	0.067%
206	10.754	10.724	10.766	HH	7537	167296	1.34%	0.024%
207	10.781	10.766	10.799	HH	11209	173380	1.39%	0.025%
208	10.814	10.799	10.833	HH	6611	125551	1.01%	0.018%
209	10.850	10.833	10.858	HH	9500	116268	0.93%	0.017%
210	10.885	10.858	10.929	HH	359764	4062418	32.62%	0.578%
211	10.958	10.929	11.001	HH	96355	1270160	10.20%	0.181%
212	11.009	11.001	11.025	HH	7776	109956	0.88%	0.016%
213	11.034	11.025	11.064	HH	7072	155918	1.25%	0.022%
214	11.101	11.064	11.114	HH	9226	219452	1.76%	0.031%
215	11.128	11.114	11.148	HH	11126	181421	1.46%	0.026%
216	11.170	11.148	11.214	HH	31316	531827	4.27%	0.076%
217	11.245	11.214	11.260	HH	7788	193821	1.56%	0.028%
218	11.285	11.260	11.303	HH	9860	228109	1.83%	0.032%
219	11.323	11.303	11.345	HH	10998	238416	1.91%	0.034%
220	11.415	11.345	11.455	HH	18486	751844	6.04%	0.107%
221	11.483	11.455	11.504	HH	14011	298480	2.40%	0.042%
222	11.534	11.504	11.551	HH	12398	282462	2.27%	0.040%
223	11.575	11.551	11.597	HH	12666	287477	2.31%	0.041%
224	11.612	11.597	11.622	HH	9156	134447	1.08%	0.019%
225	11.636	11.622	11.651	HH	10027	160922	1.29%	0.023%
226	11.686	11.651	11.700	HH	48929	708735	5.69%	0.101%
227	11.717	11.700	11.759	HH	65080	936856	7.52%	0.133%
228	11.801	11.759	11.819	HH	59521	1153170	9.26%	0.164%
229	11.834	11.819	11.848	HH	35788	465207	3.73%	0.066%
230	11.865	11.848	11.892	HH	47980	713501	5.73%	0.102%
231	11.909	11.892	11.920	HH	11200	171511	1.38%	0.024%
232	11.944	11.920	11.964	HH	13703	307558	2.47%	0.044%
233	12.000	11.964	12.021	HH	14558	425575	3.42%	0.061%
234	12.043	12.021	12.064	HH	33235	531201	4.26%	0.076%
235	12.074	12.064	12.108	HH	14036	342704	2.75%	0.049%
236	12.115	12.108	12.131	HH	12623	169210	1.36%	0.024%
237	12.155	12.131	12.178	HH	40854	655589	5.26%	0.093%
238	12.192	12.178	12.205	HH	14177	213798	1.72%	0.030%
239	12.249	12.205	12.285	HH	78830	1463601	11.75%	0.208%
240	12.302	12.285	12.321	HH	17832	341886	2.74%	0.049%
241	12.335	12.321	12.350	HH	14744	255486	2.05%	0.036%
242	12.364	12.350	12.374	HH	13963	196218	1.58%	0.028%
243	12.407	12.374	12.421	HH	19007	461630	3.71%	0.066%
244	12.430	12.421	12.457	HH	18680	364096	2.92%	0.052%
245	12.478	12.457	12.516	HH	24117	662221	5.32%	0.094%
246	12.539	12.516	12.568	HH	34996	746682	5.99%	0.106%

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247	12.589	12.568	12.608	HH	40971	679741	5.46%	0.097%
248	12.630	12.608	12.645	HH	29208	602228	4.84%	0.086%
249	12.651	12.645	12.676	HH	27825	432525	3.47%	0.062%
250	12.712	12.676	12.745	HH	570393	7138543	57.31%	1.016%
251	12.767	12.745	12.786	HH	20101	437194	3.51%	0.062%
252	12.803	12.786	12.813	HH	17675	275668	2.21%	0.039%
253	12.842	12.813	12.856	HH	37964	697354	5.60%	0.099%
254	12.862	12.856	12.875	HH	28215	306165	2.46%	0.044%
255	12.892	12.875	12.905	HH	36153	543570	4.36%	0.077%
256	12.915	12.905	12.977	HH	30632	1033649	8.30%	0.147%
257	13.011	12.977	13.038	HH	490804	6126713	49.19%	0.872%
258	13.060	13.038	13.074	HH	64060	917338	7.36%	0.131%
259	13.090	13.074	13.121	HH	70810	1139382	9.15%	0.162%
260	13.142	13.121	13.156	HH	22474	452934	3.64%	0.064%
261	13.176	13.156	13.190	HH	36696	595684	4.78%	0.085%
262	13.203	13.190	13.228	HH	32725	619116	4.97%	0.088%
263	13.270	13.228	13.294	HH	59022	1319937	10.60%	0.188%
264	13.314	13.294	13.319	HH	27673	396429	3.18%	0.056%
265	13.343	13.319	13.369	HH	34317	854667	6.86%	0.122%
266	13.400	13.369	13.418	HH	38956	878179	7.05%	0.125%
267	13.424	13.418	13.438	HH	27836	327960	2.63%	0.047%
268	13.473	13.438	13.539	HH	62512	2372435	19.05%	0.338%
269	13.593	13.539	13.629	HH	104193	2606676	20.93%	0.371%
270	13.659	13.629	13.677	HH	38244	924504	7.42%	0.132%
271	13.701	13.677	13.722	HH	67704	1282799	10.30%	0.183%
272	13.741	13.722	13.762	HH	65026	1143852	9.18%	0.163%
273	13.781	13.762	13.803	HH	39724	867364	6.96%	0.123%
274	13.836	13.803	13.841	HH	46160	860993	6.91%	0.123%
275	13.847	13.841	13.853	HH	46632	346362	2.78%	0.049%
276	13.871	13.853	13.892	HH	62324	1160101	9.31%	0.165%
277	13.912	13.892	13.951	HH	61707	1535432	12.33%	0.218%
278	13.984	13.951	14.005	HH	43418	1185837	9.52%	0.169%
279	14.023	14.005	14.037	HH	37174	690572	5.54%	0.098%
280	14.053	14.037	14.057	HH	39185	464372	3.73%	0.066%
281	14.073	14.057	14.089	HH	40010	734350	5.90%	0.104%
282	14.095	14.089	14.114	HH	38444	561571	4.51%	0.080%
283	14.125	14.114	14.142	HH	37351	617954	4.96%	0.088%
284	14.145	14.142	14.159	HH	35757	357138	2.87%	0.051%
285	14.177	14.159	14.191	HH	36899	687911	5.52%	0.098%
286	14.196	14.191	14.209	HH	35977	401989	3.23%	0.057%
287	14.234	14.209	14.247	HH	41552	879865	7.06%	0.125%
288	14.300	14.247	14.311	HH	51959	1767571	14.19%	0.252%
289	14.330	14.311	14.363	HH	75600	1726667	13.86%	0.246%
290	14.403	14.363	14.417	HH	49566	1475514	11.85%	0.210%
291	14.433	14.417	14.451	HH	51830	988025	7.93%	0.141%
292	14.458	14.451	14.472	HH	46764	595540	4.78%	0.085%
293	14.507	14.472	14.549	HH	77689	2738359	21.99%	0.390%
294	14.572	14.549	14.594	HH	113581	2148932	17.25%	0.306%
295	14.633	14.594	14.670	HH	93529	3070666	24.65%	0.437%
296	14.693	14.670	14.708	HH	56929	1223284	9.82%	0.174%
297	14.739	14.708	14.769	HH	130065	3118391	25.04%	0.444%
298	14.778	14.769	14.812	HH	67999	1568814	12.60%	0.223%
299	14.838	14.812	14.857	HH	71746	1642483	13.19%	0.234%

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300	14.889	14.857	14.910	HH	316855	5183743	41.62%	0.738%
301	14.932	14.910	14.958	HH	316127	4685118	37.61%	0.667%
302	14.976	14.958	14.999	HH	67531	1569895	12.60%	0.223%
303	15.048	14.999	15.071	HH	122353	3526376	28.31%	0.502%
304	15.076	15.071	15.098	HH	73108	1129324	9.07%	0.161%
305	15.126	15.098	15.156	HH	86648	2562445	20.57%	0.365%
306	15.187	15.156	15.212	HH	93192	2635212	21.16%	0.375%
307	15.229	15.212	15.268	HH	86604	2717971	21.82%	0.387%
308	15.275	15.268	15.284	HH	73538	720906	5.79%	0.103%
309	15.326	15.284	15.356	HH	144354	4228351	33.95%	0.602%
310	15.372	15.356	15.388	HH	85463	1599842	12.84%	0.228%
311	15.393	15.388	15.411	HH	78825	1043155	8.38%	0.148%
312	15.426	15.411	15.441	HH	78477	1417182	11.38%	0.202%
313	15.516	15.506	15.535	HH	100834	1662183	13.34%	0.237%
314	15.560	15.535	15.581	HH	139340	3043270	24.43%	0.433%
315	15.599	15.581	15.623	HH	111339	2481717	19.92%	0.353%
316	15.644	15.623	15.669	HH	103979	2631476	21.13%	0.374%
317	15.723	15.669	15.751	HH	123954	5358308	43.02%	0.763%
318	15.798	15.751	15.826	HH	113939	4712212	37.83%	0.671%
319	15.846	15.826	15.864	HH	101793	2242678	18.01%	0.319%
320	15.884	15.864	15.900	HH	109558	2291829	18.40%	0.326%
321	15.920	15.900	15.940	HH	113898	2557155	20.53%	0.364%
322	15.985	15.940	15.989	HH	114402	3182082	25.55%	0.453%
323	15.994	15.989	16.041	HH	115553	3463573	27.81%	0.493%
324	16.061	16.041	16.067	HH	107943	1620123	13.01%	0.231%
325	16.069	16.067	16.084	HH	107407	1112138	8.93%	0.158%
326	16.090	16.084	16.104	HH	106652	1303136	10.46%	0.185%
327	16.172	16.104	16.192	HH	131390	6270175	50.34%	0.892%
328	16.201	16.192	16.212	HH	122680	1459813	11.72%	0.208%
329	16.233	16.212	16.253	HH	131610	3052463	24.51%	0.434%
330	16.286	16.253	16.318	HH	137913	5134796	41.23%	0.731%
331	16.347	16.318	16.376	HH	145177	4782137	38.39%	0.681%
332	16.383	16.376	16.405	HH	134103	2243380	18.01%	0.319%
333	16.457	16.405	16.473	HH	385942	8937309	71.75%	1.272%
334	16.482	16.473	16.517	HH	246357	4630731	37.18%	0.659%
335	16.532	16.517	16.538	HH	130426	1594828	12.80%	0.227%
336	16.541	16.538	16.545	HH	130392	560827	4.50%	0.080%
337	16.582	16.545	16.601	HH	190276	5077663	40.77%	0.723%
338	16.616	16.601	16.643	HH	151426	3644498	29.26%	0.519%
339	16.648	16.643	16.656	HH	141415	1110190	8.91%	0.158%
340	16.677	16.656	16.688	HH	146235	2723145	21.86%	0.388%
341	16.704	16.688	16.716	HH	149124	2490981	20.00%	0.354%
342	16.779	16.716	16.805	HH	307551	10048433	80.67%	1.430%
343	16.838	16.805	16.870	HH	359574	8254955	66.28%	1.175%
344	16.903	16.870	16.909	HH	159573	3475913	27.91%	0.495%
345	16.935	16.909	16.971	HH	211056	6480434	52.03%	0.922%
346	16.982	16.971	17.009	HH	158913	3441249	27.63%	0.490%
347	17.047	17.009	17.050	HH	156068	3743626	30.06%	0.533%
348	17.075	17.050	17.084	HH	166793	3247373	26.07%	0.462%
349	17.089	17.084	17.115	HH	164624	2981552	23.94%	0.424%
350	17.145	17.115	17.160	HH	161869	4224162	33.91%	0.601%
351	17.196	17.160	17.224	HH	171804	6403982	51.41%	0.911%

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352	17.236	17.224	17.269	HH	163462	4205952	33.77%	0.599%
353	17.290	17.269	17.310	HH	162225	3837063	30.81%	0.546%
354	17.358	17.310	17.387	HH	174072	7616063	61.15%	1.084%
355	17.417	17.387	17.436	HH	160962	4457629	35.79%	0.634%
356	17.448	17.436	17.468	HH	157219	2954370	23.72%	0.420%
357	17.493	17.468	17.518	HH	182103	5037975	40.45%	0.717%
358	17.522	17.518	17.565	HH	160165	4311044	34.61%	0.613%
359	17.582	17.565	17.622	HH	150551	4977799	39.96%	0.708%
360	17.626	17.622	17.655	HH	145601	2829662	22.72%	0.403%
361	17.668	17.655	17.691	HH	145702	3096002	24.86%	0.441%
362	17.738	17.691	17.746	HH	153801	4988327	40.05%	0.710%
363	17.756	17.746	17.772	HH	153199	2314414	18.58%	0.329%
364	17.809	17.772	17.844	HH	173195	6874763	55.19%	0.978%
365	17.863	17.844	17.871	HH	144778	2278707	18.29%	0.324%
366	17.895	17.871	17.913	HH	152483	3755039	30.15%	0.534%
367	17.933	17.913	17.946	HH	158324	3047320	24.47%	0.434%
368	17.967	17.946	18.032	HH	175231	8204684	65.87%	1.168%
369	18.059	18.032	18.081	HH	150273	4315913	34.65%	0.614%
370	18.112	18.081	18.147	HH	180570	6387268	51.28%	0.909%
371	18.169	18.147	18.183	HH	175158	3514501	28.22%	0.500%
372	18.211	18.183	18.272	HH	281247	10192312	81.83%	1.450%
373	18.288	18.272	18.308	HH	153436	3197255	25.67%	0.455%
374	18.335	18.308	18.353	HH	196346	4520870	36.30%	0.643%
375	18.369	18.353	18.401	HH	178271	4664093	37.45%	0.664%
376	18.406	18.401	18.431	HH	143163	2436394	19.56%	0.347%
377	18.467	18.431	18.488	HH	271625	6461921	51.88%	0.920%
378	18.514	18.488	18.529	HH	146204	3478380	27.93%	0.495%
379	18.543	18.529	18.571	HH	148993	3662742	29.41%	0.521%
380	18.593	18.571	18.606	HH	184260	3415910	27.42%	0.486%
381	18.626	18.606	18.671	HH	225671	6688894	53.70%	0.952%
382	18.690	18.671	18.708	HH	138622	3028412	24.31%	0.431%
383	18.718	18.708	18.724	HH	135407	1285302	10.32%	0.183%
384	18.759	18.724	18.787	HH	152106	5418560	43.50%	0.771%
385	18.800	18.787	18.873	HH	145396	7309452	58.68%	1.040%
386	18.891	18.873	18.911	HH	150285	3316791	26.63%	0.472%
387	18.930	18.911	18.952	HH	143941	3409346	27.37%	0.485%
388	18.974	18.952	18.982	HH	148818	2654571	21.31%	0.378%
389	19.001	18.982	19.020	HH	161505	3523859	28.29%	0.501%
390	19.039	19.020	19.079	HH	158581	5258505	42.22%	0.748%
391	19.086	19.079	19.107	HH	143800	2347919	18.85%	0.334%
392	19.149	19.107	19.194	HH	148783	7509212	60.29%	1.069%
393	19.249	19.194	19.280	HH	142889	7204982	57.85%	1.025%
394	19.299	19.280	19.313	HH	139315	2751432	22.09%	0.392%
395	19.317	19.313	19.325	HH	137846	986144	7.92%	0.140%
396	19.337	19.325	19.368	HH	139354	3507472	28.16%	0.499%
397	19.425	19.368	19.432	HH	151658	5360481	43.04%	0.763%
398	19.435	19.432	19.453	HH	151127	1918541	15.40%	0.273%
399	19.468	19.453	19.490	HH	150024	3221768	25.87%	0.458%
400	19.495	19.490	19.503	HH	143157	1115468	8.96%	0.159%
401	19.507	19.503	19.517	HH	143491	1213269	9.74%	0.173%
402	19.550	19.517	19.578	HH	156703	5424350	43.55%	0.772%
403	19.618	19.578	19.644	HH	197921	6638422	53.30%	0.945%
404	19.685	19.644	19.717	HH	193964	7346018	58.98%	1.045%

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405	19.739	19.717	19.757	HH	159791	3736375	30.00%	0.532%
406	19.782	19.757	19.846	HH	195600	8948042	71.84%	1.273%
407	19.856	19.846	19.881	HH	155506	3247640	26.07%	0.462%
408	19.901	19.881	19.925	HH	163894	4138986	33.23%	0.589%
409	20.066	20.027	20.081	HH	186245	5640818	45.29%	0.803%
410	20.090	20.081	20.108	HH	175571	2742898	22.02%	0.390%
411	20.140	20.108	20.185	HH	184446	8174925	65.63%	1.163%
412	20.214	20.185	20.222	HH	171635	3825899	30.72%	0.544%
413	20.227	20.222	20.232	HH	171462	959477	7.70%	0.137%
414	20.240	20.232	20.244	HH	172040	1250882	10.04%	0.178%
415	20.261	20.244	20.291	HH	175872	4900975	39.35%	0.697%
416	20.310	20.291	20.319	HH	172435	2919083	23.44%	0.415%
417	20.348	20.319	20.361	HH	176697	4371186	35.09%	0.622%
418	20.377	20.361	20.400	HH	178750	4098757	32.91%	0.583%
419	20.419	20.400	20.448	HH	178948	5105553	40.99%	0.727%
420	20.454	20.448	20.464	HH	175906	1751885	14.07%	0.249%
421	20.476	20.464	20.505	HH	175964	4219670	33.88%	0.600%
422	20.524	20.505	20.558	HH	177580	5569125	44.71%	0.793%
423	20.562	20.558	20.571	HH	168337	1285426	10.32%	0.183%
424	20.575	20.571	20.593	HH	167672	2223280	17.85%	0.316%
425	20.598	20.593	20.608	HH	166041	1451365	11.65%	0.207%
426	20.613	20.608	20.624	HH	166112	1645102	13.21%	0.234%
427	20.655	20.624	20.736	HH	169088	11082275	88.97%	1.577%
428	20.747	20.736	20.771	HH	161002	3318749	26.64%	0.472%
429	20.780	20.771	20.811	HH	160880	3848860	30.90%	0.548%
430	20.814	20.811	20.819	HH	158518	796623	6.40%	0.113%
431	20.852	20.819	20.859	HH	159875	3780506	30.35%	0.538%
432	20.888	20.859	20.894	HH	162623	3384779	27.17%	0.482%
433	20.911	20.894	20.951	HH	166013	5594700	44.92%	0.796%
434	20.954	20.951	20.961	HH	161408	937004	7.52%	0.133%
435	21.006	20.961	21.020	HH	167651	5842461	46.91%	0.831%
436	21.024	21.020	21.059	HH	166197	3849123	30.90%	0.548%
437	21.065	21.059	21.074	HH	161831	1466488	11.77%	0.209%
438	21.079	21.074	21.083	HH	160865	832045	6.68%	0.118%
439	21.115	21.083	21.201	HH	164931	11266390	90.45%	1.603%
440	21.226	21.201	21.259	HH	158602	5376566	43.17%	0.765%
441	21.313	21.259	21.337	HH	162481	7401080	59.42%	1.053%
442	21.409	21.337	21.462	HH	176903	12455508	100.00%	1.772%
443	21.466	21.462	21.471	HH	160426	914805	7.34%	0.130%
444	21.477	21.471	21.558	HH	160665	8121762	65.21%	1.156%
445	21.570	21.558	21.604	HH	153311	4124914	33.12%	0.587%
446	21.618	21.604	21.674	HH	150968	6138828	49.29%	0.874%
447	21.715	21.674	21.754	HH	158595	7225263	58.01%	1.028%
448	21.797	21.754	21.827	HH	160329	6615984	53.12%	0.941%
449	21.849	21.827	21.878	HH	153513	4552732	36.55%	0.648%
450	21.899	21.878	21.921	HHA	149784	3905615	31.36%	0.556%

Sum of corrected areas: 702728615

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