

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033663.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 12:02
 Sample : M2159-01 2X
 Misc :
 ALS Vial : 5 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	4.063	4.003	4.092	BH	30116	252217	2.06%	0.053%
2	4.102	4.092	4.119	HH	1179	11852	0.10%	0.003%
3	4.132	4.119	4.147	HH	417	3633	0.03%	0.001%
4	4.157	4.147	4.191	PH	136	-2052	-0.02%	-0.000%
5	4.199	4.191	4.203	PH	-233	-1892	-0.02%	-0.000%
6	4.234	4.203	4.257	PH	1143	13140	0.11%	0.003%
7	4.271	4.257	4.300	HH	1126	10157	0.08%	0.002%
8	4.327	4.300	4.376	PH	23	-6564	-0.05%	-0.001%
9	4.402	4.376	4.411	PH	-247	-6684	-0.05%	-0.001%
10	4.446	4.411	4.457	PH	-98	-6530	-0.05%	-0.001%
11	4.475	4.457	4.488	PH	976	5829	0.05%	0.001%
12	4.515	4.488	4.534	PH	146	-1174	-0.01%	-0.000%
13	4.546	4.534	4.554	PH	-1	-1384	-0.01%	-0.000%
14	4.580	4.554	4.603	PH	2621	20159	0.16%	0.004%
15	4.619	4.603	4.647	PH	1611	9490	0.08%	0.002%
16	4.677	4.647	4.740	PH	1124	781	0.01%	0.000%
17	4.757	4.740	4.776	PH	29	-4936	-0.04%	-0.001%
18	4.784	4.776	4.790	PH	-307	-2945	-0.02%	-0.001%
19	4.808	4.790	4.832	PH	149	-4781	-0.04%	-0.001%
20	4.855	4.832	4.870	PH	-184	-6623	-0.05%	-0.001%
21	4.896	4.870	4.911	PH	-321	-10013	-0.08%	-0.002%
22	4.915	4.911	4.944	PH	-357	-8603	-0.07%	-0.002%
23	4.971	4.944	4.991	PH	-266	-12331	-0.10%	-0.003%
24	5.014	4.991	5.019	PH	-441	-8361	-0.07%	-0.002%
25	5.038	5.019	5.046	PH	-85	-4311	-0.04%	-0.001%
26	5.062	5.046	5.075	PH	-29	-2711	-0.02%	-0.001%
27	5.087	5.075	5.108	PH	-63	-3813	-0.03%	-0.001%
28	5.119	5.108	5.134	PH	-107	-3698	-0.03%	-0.001%
29	5.158	5.134	5.180	PH	17	-7086	-0.06%	-0.002%
30	5.212	5.180	5.234	PH	191	-7418	-0.06%	-0.002%
31	5.241	5.234	5.257	PH	-406	-6370	-0.05%	-0.001%
32	5.279	5.257	5.303	PH	-230	-11206	-0.09%	-0.002%
33	5.325	5.303	5.351	PH	4307	33744	0.27%	0.007%
34	5.359	5.351	5.367	PH	-71	-1377	-0.01%	-0.000%
35	5.386	5.367	5.423	PH	593	-1621	-0.01%	-0.000%
36	5.430	5.423	5.444	PH	-347	-5458	-0.04%	-0.001%

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37	5.455	5.444	5.472	PH	-255	-5947	-0.05%	-0.001%
38	5.475	5.472	5.487	PH	-385	-3858	-0.03%	-0.001%
39	5.506	5.487	5.519	PH	77	-2705	-0.02%	-0.001%
40	5.536	5.519	5.571	PH	198	92	0.00%	0.000%
41	5.581	5.571	5.593	PH	-191	-3299	-0.03%	-0.001%
42	5.615	5.593	5.635	PH	303	-52	-0.00%	-0.000%
43	5.641	5.635	5.649	PH	-187	-1908	-0.02%	-0.000%
44	5.653	5.649	5.657	PH	-182	-967	-0.01%	-0.000%
45	5.674	5.657	5.686	PH	351	1687	0.01%	0.000%
46	5.692	5.686	5.709	HH	142	270	0.00%	0.000%
47	5.721	5.709	5.728	PH	-91	-1543	-0.01%	-0.000%
48	5.739	5.728	5.748	PH	27	-1124	-0.01%	-0.000%
49	5.778	5.748	5.782	PH	57	-1149	-0.01%	-0.000%
50	5.788	5.782	5.800	PH	116	841	0.01%	0.000%
51	5.811	5.800	5.827	PH	190	1294	0.01%	0.000%
52	5.843	5.827	5.866	PH	242	2377	0.02%	0.001%
53	5.877	5.866	5.892	HH	159	1247	0.01%	0.000%
54	5.900	5.892	5.928	PH	86	531	0.00%	0.000%
55	5.960	5.928	5.984	PH	643	7345	0.06%	0.002%
56	6.013	5.984	6.024	PH	362	4551	0.04%	0.001%
57	6.054	6.024	6.073	HH	1920	35499	0.29%	0.008%
58	6.090	6.073	6.132	HH	3136	47252	0.39%	0.010%
59	6.145	6.132	6.177	HH	699	12626	0.10%	0.003%
60	6.200	6.177	6.223	HH	2656	36954	0.30%	0.008%
61	6.232	6.223	6.236	HH	514	3779	0.03%	0.001%
62	6.246	6.236	6.256	HH	513	5604	0.05%	0.001%
63	6.274	6.256	6.287	HH	617	9665	0.08%	0.002%
64	6.300	6.287	6.311	HH	532	7104	0.06%	0.002%
65	6.331	6.311	6.359	HH	2681	39373	0.32%	0.008%
66	6.373	6.359	6.393	HH	857	13379	0.11%	0.003%
67	6.401	6.393	6.411	HH	563	5736	0.05%	0.001%
68	6.415	6.411	6.431	HH	558	5534	0.05%	0.001%
69	6.445	6.431	6.459	HH	569	8070	0.07%	0.002%
70	6.485	6.459	6.539	HH	1443	35186	0.29%	0.007%
71	6.563	6.539	6.576	HH	723	12983	0.11%	0.003%
72	6.581	6.576	6.591	HH	620	5342	0.04%	0.001%
73	6.635	6.591	6.658	HH	2364	43096	0.35%	0.009%
74	6.665	6.658	6.669	HH	837	5440	0.04%	0.001%
75	6.677	6.669	6.697	HH	921	13731	0.11%	0.003%
76	6.709	6.697	6.727	HH	897	12598	0.10%	0.003%
77	6.762	6.727	6.789	HH	1130	26698	0.22%	0.006%
78	6.812	6.789	6.839	HH	1505	31535	0.26%	0.007%
79	6.845	6.839	6.854	HH	836	6932	0.06%	0.001%
80	6.882	6.854	6.904	HH	964	26092	0.21%	0.006%
81	6.960	6.904	6.975	HH	2214	59710	0.49%	0.013%
82	6.989	6.975	6.998	HH	2027	24828	0.20%	0.005%
83	7.004	6.998	7.029	HH	1889	30418	0.25%	0.006%
84	7.045	7.029	7.070	HH	1837	34719	0.28%	0.007%
85	7.088	7.070	7.100	HH	1920	27787	0.23%	0.006%
86	7.116	7.100	7.125	HH	1987	26385	0.22%	0.006%
87	7.140	7.125	7.173	HH	2885	55116	0.45%	0.012%
88	7.189	7.173	7.231	HH	3064	62353	0.51%	0.013%
89	7.248	7.231	7.264	HH	1829	30017	0.24%	0.006%

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90	7.282	7.264	7.304	HH	2675	47297	0.39%	0.010%
91	7.313	7.304	7.344	HH	1649	34672	0.28%	0.007%
92	7.366	7.344	7.382	HH	1829	34270	0.28%	0.007%
93	7.409	7.382	7.444	HH	2865	67979	0.55%	0.014%
94	7.464	7.444	7.485	HH	1749	37635	0.31%	0.008%
95	7.490	7.485	7.501	HH	1621	15912	0.13%	0.003%
96	7.507	7.501	7.513	HH	1620	11260	0.09%	0.002%
97	7.527	7.513	7.558	HH	2136	49102	0.40%	0.010%
98	7.584	7.558	7.606	HH	2268	52010	0.42%	0.011%
99	7.611	7.606	7.615	HH	1538	8409	0.07%	0.002%
100	7.640	7.615	7.660	HH	2728	53722	0.44%	0.011%
101	7.672	7.660	7.686	HH	1693	24568	0.20%	0.005%
102	7.701	7.686	7.721	HH	2257	41612	0.34%	0.009%
103	7.724	7.721	7.734	HH	1979	14750	0.12%	0.003%
104	7.748	7.734	7.764	HH	2078	34076	0.28%	0.007%
105	7.773	7.764	7.799	HH	1951	37264	0.30%	0.008%
106	7.841	7.799	7.851	HH	2554	70058	0.57%	0.015%
107	7.865	7.851	7.878	HH	3061	44040	0.36%	0.009%
108	7.889	7.878	7.911	HH	2525	44233	0.36%	0.009%
109	7.933	7.911	7.952	HH	2495	52350	0.43%	0.011%
110	7.977	7.952	7.995	HH	2839	58270	0.47%	0.012%
111	8.016	7.995	8.021	HH	2672	38819	0.32%	0.008%
112	8.031	8.021	8.048	HH	2782	39585	0.32%	0.008%
113	8.061	8.048	8.078	HH	2235	39379	0.32%	0.008%
114	8.104	8.078	8.130	HH	3762	83979	0.68%	0.018%
115	8.137	8.130	8.146	HH	2118	19667	0.16%	0.004%
116	8.173	8.146	8.197	HH	3929	90699	0.74%	0.019%
117	8.212	8.197	8.226	HH	3647	52590	0.43%	0.011%
118	8.247	8.226	8.265	HH	9333	139644	1.14%	0.030%
119	8.281	8.265	8.314	HH	8499	137793	1.12%	0.029%
120	8.341	8.314	8.369	HH	33247	375283	3.06%	0.080%
121	8.397	8.369	8.435	HH	5266	139763	1.14%	0.030%
122	8.448	8.435	8.464	HH	3208	53206	0.43%	0.011%
123	8.482	8.464	8.494	HH	2741	47517	0.39%	0.010%
124	8.507	8.494	8.520	HH	2863	43428	0.35%	0.009%
125	8.529	8.520	8.538	HH	2676	28165	0.23%	0.006%
126	8.557	8.538	8.590	HH	2948	84794	0.69%	0.018%
127	8.595	8.590	8.599	HH	2590	13754	0.11%	0.003%
128	8.609	8.599	8.618	HH	2707	29383	0.24%	0.006%
129	8.644	8.618	8.672	HH	4375	110997	0.90%	0.024%
130	8.692	8.672	8.707	HH	3482	70458	0.57%	0.015%
131	8.752	8.707	8.797	HH	4776	216355	1.76%	0.046%
132	8.816	8.797	8.853	HH	5422	134115	1.09%	0.028%
133	8.869	8.853	8.889	HH	3720	74621	0.61%	0.016%
134	8.902	8.889	8.918	HH	3791	60385	0.49%	0.013%
135	8.931	8.918	8.951	HH	3833	72302	0.59%	0.015%
136	8.966	8.951	8.985	HH	3685	69462	0.57%	0.015%
137	9.019	8.985	9.066	HH	5449	198694	1.62%	0.042%
138	9.103	9.066	9.130	HH	8578	191760	1.56%	0.041%
139	9.141	9.130	9.171	HH	4368	97684	0.80%	0.021%
140	9.193	9.171	9.223	HH	4064	118797	0.97%	0.025%
141	9.257	9.223	9.271	HH	4217	110539	0.90%	0.023%

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142	9.289	9.271	9.299	HH	4245	69724	0.57%	0.015%
143	9.309	9.299	9.325	HH	3956	60940	0.50%	0.013%
144	9.341	9.325	9.368	HH	4185	101388	0.83%	0.022%
145	9.395	9.368	9.409	HH	4512	103838	0.85%	0.022%
146	9.428	9.409	9.454	HH	6103	139602	1.14%	0.030%
147	9.480	9.454	9.509	HH	6730	187100	1.52%	0.040%
148	9.519	9.509	9.534	HH	5187	74820	0.61%	0.016%
149	9.559	9.534	9.589	HH	5512	162093	1.32%	0.034%
150	9.613	9.589	9.643	HH	5200	159777	1.30%	0.034%
151	9.661	9.643	9.688	HH	5330	131072	1.07%	0.028%
152	9.714	9.688	9.735	HH	5344	144122	1.17%	0.031%
153	9.749	9.735	9.773	HH	5029	110563	0.90%	0.023%
154	9.817	9.773	9.841	HH	6885	231671	1.89%	0.049%
155	9.846	9.841	9.858	HH	5379	53632	0.44%	0.011%
156	9.882	9.858	9.934	HH	10464	300773	2.45%	0.064%
157	9.956	9.934	9.971	HH	5990	128550	1.05%	0.027%
158	9.988	9.971	10.019	HH	6086	159069	1.30%	0.034%
159	10.039	10.019	10.079	HH	6058	203630	1.66%	0.043%
160	10.090	10.079	10.095	HH	5375	49013	0.40%	0.010%
161	10.098	10.095	10.106	HH	5398	36699	0.30%	0.008%
162	10.134	10.106	10.139	HH	5485	107304	0.87%	0.023%
163	10.155	10.139	10.172	HH	5789	110302	0.90%	0.023%
164	10.180	10.172	10.191	HH	5787	65130	0.53%	0.014%
165	10.225	10.191	10.244	HH	7067	200665	1.64%	0.043%
166	10.271	10.244	10.296	HH	8888	225238	1.84%	0.048%
167	10.327	10.296	10.343	HH	7324	195308	1.59%	0.041%
168	10.359	10.343	10.384	HH	7785	173245	1.41%	0.037%
169	10.416	10.384	10.447	HH	7691	261448	2.13%	0.055%
170	10.468	10.447	10.483	HH	7344	151089	1.23%	0.032%
171	10.507	10.483	10.523	HH	9878	198538	1.62%	0.042%
172	10.533	10.523	10.548	HH	8196	121281	0.99%	0.026%
173	10.552	10.548	10.558	HH	7917	48632	0.40%	0.010%
174	10.575	10.558	10.591	HH	8958	162014	1.32%	0.034%
175	10.621	10.591	10.659	HH	11561	354199	2.89%	0.075%
176	10.691	10.659	10.715	HH	10688	303985	2.48%	0.064%
177	10.723	10.715	10.735	HH	8216	97083	0.79%	0.021%
178	10.761	10.735	10.782	HH	9629	243375	1.98%	0.052%
179	10.787	10.782	10.809	HH	7878	122383	1.00%	0.026%
180	10.814	10.809	10.818	HH	7411	39609	0.32%	0.008%
181	10.844	10.818	10.858	HH	8444	187745	1.53%	0.040%
182	10.879	10.858	10.922	HH	15403	402705	3.28%	0.085%
183	10.954	10.922	10.978	HH	10957	309939	2.53%	0.066%
184	10.996	10.978	11.006	HH	9044	146448	1.19%	0.031%
185	11.012	11.006	11.032	HH	8871	134041	1.09%	0.028%
186	11.039	11.032	11.046	HH	8304	67978	0.55%	0.014%
187	11.051	11.046	11.056	HH	8218	50366	0.41%	0.011%
188	11.101	11.056	11.122	HH	15384	413026	3.37%	0.088%
189	11.132	11.122	11.146	HH	8986	127234	1.04%	0.027%
190	11.172	11.146	11.206	HH	9247	315954	2.57%	0.067%
191	11.294	11.206	11.306	HH	10378	539900	4.40%	0.115%
192	11.324	11.306	11.346	HH	13414	264514	2.16%	0.056%
193	11.359	11.346	11.364	HH	9490	105637	0.86%	0.022%
194	11.371	11.364	11.383	HH	9550	104172	0.85%	0.022%

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195	11.409	11.383	11.462	HH	12678	492583	4.01% 0.104%
196	11.482	11.462	11.499	HH	9839	204474	1.67% 0.043%
197	11.529	11.499	11.549	HH	10803	306917	2.50% 0.065%
198	11.578	11.549	11.603	HH	10538	318886	2.60% 0.068%
199	11.626	11.603	11.654	HH	10646	315758	2.57% 0.067%
200	11.680	11.654	11.697	HH	12904	297719	2.43% 0.063%
201	11.715	11.697	11.742	HH	13076	312187	2.54% 0.066%
202	11.755	11.742	11.767	HH	10697	152403	1.24% 0.032%
203	11.800	11.767	11.815	HH	12106	332307	2.71% 0.070%
204	11.832	11.815	11.851	HH	12765	248751	2.03% 0.053%
205	11.863	11.851	11.899	HH	12203	321894	2.62% 0.068%
206	11.905	11.899	11.911	HH	10361	75449	0.61% 0.016%
207	11.931	11.911	11.952	HH	10862	258006	2.10% 0.055%
208	11.993	11.952	12.024	HH	15208	547684	4.46% 0.116%
209	12.044	12.024	12.066	HH	16125	341047	2.78% 0.072%
210	12.085	12.066	12.112	HH	13306	330921	2.70% 0.070%
211	12.128	12.112	12.132	HH	11394	134892	1.10% 0.029%
212	12.152	12.132	12.169	HH	12164	254683	2.08% 0.054%
213	12.187	12.169	12.198	HH	12371	208875	1.70% 0.044%
214	12.252	12.198	12.316	HH	124849	2527505	20.60% 0.536%
215	12.330	12.316	12.346	HH	15881	274669	2.24% 0.058%
216	12.361	12.346	12.395	HH	16231	449140	3.66% 0.095%
217	12.407	12.395	12.423	HH	14452	235180	1.92% 0.050%
218	12.438	12.423	12.456	HH	14516	284979	2.32% 0.060%
219	12.471	12.456	12.518	HH	15152	522737	4.26% 0.111%
220	12.535	12.518	12.544	HH	14217	216234	1.76% 0.046%
221	12.583	12.544	12.605	HH	17866	570503	4.65% 0.121%
222	12.635	12.605	12.674	HH	23034	716300	5.84% 0.152%
223	12.699	12.674	12.738	HH	33102	765074	6.23% 0.162%
224	12.753	12.738	12.780	HH	14593	357283	2.91% 0.076%
225	12.802	12.780	12.812	HH	15022	285333	2.33% 0.061%
226	12.829	12.812	12.852	HH	16153	369399	3.01% 0.078%
227	12.890	12.852	12.920	HH	17124	648993	5.29% 0.138%
228	12.951	12.920	12.974	HH	16889	516920	4.21% 0.110%
229	12.998	12.974	13.038	HH	32399	817629	6.66% 0.173%
230	13.063	13.038	13.081	HH	22683	522306	4.26% 0.111%
231	13.087	13.081	13.100	HH	19577	214260	1.75% 0.045%
232	13.122	13.100	13.158	HH	23755	685047	5.58% 0.145%
233	13.186	13.158	13.203	HH	18883	489441	3.99% 0.104%
234	13.208	13.203	13.224	HH	18169	225323	1.84% 0.048%
235	13.249	13.224	13.282	HH	26278	758442	6.18% 0.161%
236	13.301	13.282	13.318	HH	22164	456114	3.72% 0.097%
237	13.326	13.318	13.351	HH	21740	415694	3.39% 0.088%
238	13.358	13.351	13.379	HH	19618	327646	2.67% 0.069%
239	13.394	13.379	13.406	HH	19742	311112	2.54% 0.066%
240	13.429	13.406	13.445	HH	20589	457844	3.73% 0.097%
241	13.481	13.445	13.567	HH	71484	2244458	18.29% 0.476%
242	13.588	13.567	13.612	HH	24510	612346	4.99% 0.130%
243	13.633	13.612	13.648	HH	22928	471707	3.84% 0.100%
244	13.656	13.648	13.665	HH	22330	223310	1.82% 0.047%
245	13.669	13.665	13.676	HH	22028	151502	1.23% 0.032%
246	13.701	13.676	13.721	HH	22940	606095	4.94% 0.129%

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247	13.738	13.721	13.759	HH	23476	522714	4.26%	0.111%
248	13.786	13.759	13.803	HH	23526	603503	4.92%	0.128%
249	13.835	13.803	13.855	HH	33671	849456	6.92%	0.180%
250	13.862	13.855	13.884	HH	27185	447606	3.65%	0.095%
251	13.902	13.884	13.928	HH	24401	625470	5.10%	0.133%
252	13.967	13.928	14.008	HH	24170	1108452	9.03%	0.235%
253	14.056	14.008	14.090	HH	25412	1190189	9.70%	0.252%
254	14.113	14.090	14.117	HH	24181	387513	3.16%	0.082%
255	14.135	14.117	14.159	HH	24791	617255	5.03%	0.131%
256	14.199	14.159	14.213	HH	26405	806122	6.57%	0.171%
257	14.241	14.213	14.277	HH	31491	1064281	8.67%	0.226%
258	14.322	14.277	14.343	HH	28936	1063538	8.67%	0.226%
259	14.355	14.343	14.374	HH	26728	499097	4.07%	0.106%
260	14.397	14.374	14.419	HH	39620	856535	6.98%	0.182%
261	14.431	14.419	14.439	HH	28340	338924	2.76%	0.072%
262	14.458	14.439	14.484	HH	30233	791521	6.45%	0.168%
263	14.501	14.484	14.520	HH	30215	627636	5.11%	0.133%
264	14.528	14.520	14.549	HH	28687	483439	3.94%	0.103%
265	14.567	14.549	14.584	HH	29506	579583	4.72%	0.123%
266	14.620	14.584	14.644	HH	29989	1040555	8.48%	0.221%
267	14.655	14.644	14.667	HH	28076	380675	3.10%	0.081%
268	14.686	14.667	14.703	HH	29241	607919	4.95%	0.129%
269	14.738	14.703	14.770	HH	332559	5314857	43.31%	1.127%
270	14.776	14.770	14.813	HH	32243	796503	6.49%	0.169%
271	14.828	14.813	14.846	HH	30101	577385	4.71%	0.122%
272	14.877	14.846	14.894	HH	37293	926288	7.55%	0.196%
273	14.937	14.894	14.961	HH	42031	1454185	11.85%	0.308%
274	14.985	14.961	14.998	HH	31260	672025	5.48%	0.143%
275	15.020	14.998	15.029	HH	31530	585023	4.77%	0.124%
276	15.034	15.029	15.062	HH	31579	601536	4.90%	0.128%
277	15.083	15.062	15.104	HH	32202	778549	6.34%	0.165%
278	15.110	15.104	15.113	HH	30791	170174	1.39%	0.036%
279	15.126	15.113	15.162	HH	31376	893386	7.28%	0.189%
280	15.187	15.162	15.231	HH	33007	1295120	10.55%	0.275%
281	15.255	15.231	15.278	HH	31851	898196	7.32%	0.191%
282	15.325	15.278	15.410	HH	150989	4576272	37.29%	0.971%
283	15.459	15.410	15.497	HH	51933	1985630	16.18%	0.421%
284	15.513	15.497	15.528	HH	34097	620170	5.05%	0.132%
285	15.554	15.528	15.572	HH	36530	906619	7.39%	0.192%
286	15.592	15.572	15.619	HH	35994	976935	7.96%	0.207%
287	15.644	15.619	15.666	HH	33996	942795	7.68%	0.200%
288	15.718	15.666	15.739	HH	36559	1508449	12.29%	0.320%
289	15.751	15.739	15.770	HH	35244	644734	5.25%	0.137%
290	15.786	15.770	15.813	HH	35340	898004	7.32%	0.190%
291	15.852	15.813	15.876	HH	39612	1391715	11.34%	0.295%
292	15.888	15.876	15.905	HH	37159	646150	5.27%	0.137%
293	15.920	15.905	15.932	HH	36456	593273	4.83%	0.126%
294	15.961	15.932	15.998	HH	49566	1626884	13.26%	0.345%
295	16.001	15.998	16.010	HH	38498	273988	2.23%	0.058%
296	16.022	16.010	16.051	HH	38070	907161	7.39%	0.192%
297	16.072	16.051	16.083	HH	36838	704407	5.74%	0.149%
298	16.087	16.083	16.095	HH	36530	269932	2.20%	0.057%
299	16.109	16.095	16.115	HH	36602	423255	3.45%	0.090%

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300	16.143	16.115	16.150	HH	39374	822175	6.70%	0.174%
301	16.159	16.150	16.198	HH	39331	1097714	8.95%	0.233%
302	16.267	16.198	16.287	HH	40953	2098730	17.10%	0.445%
303	16.346	16.287	16.383	HH	54834	2571858	20.96%	0.546%
304	16.406	16.383	16.411	HH	41626	692201	5.64%	0.147%
305	16.443	16.411	16.486	HH	73323	2329875	18.99%	0.494%
306	16.492	16.486	16.494	HH	41597	194418	1.58%	0.041%
307	16.526	16.494	16.553	HH	46751	1548561	12.62%	0.328%
308	16.571	16.553	16.591	HH	46612	1027580	8.37%	0.218%
309	16.608	16.591	16.615	HH	44924	642990	5.24%	0.136%
310	16.623	16.615	16.641	HH	45065	698977	5.70%	0.148%
311	16.661	16.641	16.697	HH	45605	1486674	12.12%	0.315%
312	16.739	16.697	16.746	HH	48655	1344988	10.96%	0.285%
313	16.762	16.746	16.794	HH	51656	1406436	11.46%	0.298%
314	16.818	16.794	16.851	HH	52467	1640242	13.37%	0.348%
315	16.913	16.851	16.934	HH	68751	2662611	21.70%	0.565%
316	16.943	16.934	16.962	HH	51690	823832	6.71%	0.175%
317	16.986	16.962	17.007	HH	51601	1380228	11.25%	0.293%
318	17.020	17.007	17.040	HH	50523	979530	7.98%	0.208%
319	17.082	17.040	17.093	HH	51255	1579460	12.87%	0.335%
320	17.101	17.093	17.107	HH	51529	429134	3.50%	0.091%
321	17.136	17.107	17.144	HH	53434	1160168	9.45%	0.246%
322	17.160	17.144	17.178	HH	54651	1101081	8.97%	0.234%
323	17.189	17.178	17.204	HH	53904	833718	6.79%	0.177%
324	17.236	17.204	17.256	HH	57268	1711354	13.95%	0.363%
325	17.260	17.256	17.267	HH	55149	377450	3.08%	0.080%
326	17.292	17.267	17.325	HH	61581	2038820	16.61%	0.432%
327	17.363	17.325	17.390	HH	88784	2629306	21.43%	0.558%
328	17.408	17.390	17.426	HH	57574	1208112	9.85%	0.256%
329	17.445	17.426	17.463	HH	58577	1279087	10.42%	0.271%
330	17.484	17.463	17.511	HH	61063	1714171	13.97%	0.364%
331	17.540	17.511	17.559	HH	60545	1685245	13.73%	0.357%
332	17.573	17.559	17.577	HH	59161	640878	5.22%	0.136%
333	17.583	17.577	17.595	HH	59216	627693	5.12%	0.133%
334	17.615	17.595	17.619	HH	59870	854460	6.96%	0.181%
335	17.645	17.619	17.655	HH	62251	1324651	10.79%	0.281%
336	17.661	17.655	17.666	HH	61259	414457	3.38%	0.088%
337	17.802	17.666	17.831	HH	106518	7218618	58.83%	1.531%
338	17.890	17.831	17.921	HH	85610	4232091	34.49%	0.898%
339	17.957	17.921	17.978	HH	86923	2771410	22.58%	0.588%
340	17.987	17.978	18.019	HH	78345	1898542	15.47%	0.403%
341	18.035	18.019	18.064	HH	79150	2017670	16.44%	0.428%
342	18.079	18.064	18.088	HH	74889	1053311	8.58%	0.223%
343	18.094	18.088	18.107	HH	74423	855339	6.97%	0.181%
344	18.130	18.107	18.144	HH	80830	1703669	13.88%	0.361%
345	18.171	18.144	18.206	HH	122017	3742151	30.50%	0.794%
346	18.227	18.206	18.257	HH	120844	2947721	24.02%	0.625%
347	18.277	18.257	18.281	HH	75438	1087263	8.86%	0.231%
348	18.288	18.281	18.296	HH	75852	652164	5.31%	0.138%
349	18.326	18.296	18.347	HH	88640	2532580	20.64%	0.537%
350	18.358	18.347	18.379	HH	81458	1534510	12.50%	0.325%
351	18.388	18.379	18.393	HH	78113	619788	5.05%	0.131%

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352	18.398	18.393	18.402	HH	78132	438278	3.57%	0.093%
353	18.412	18.402	18.422	HH	78226	928388	7.57%	0.197%
354	18.447	18.422	18.466	HH	85136	2169508	17.68%	0.460%
355	18.497	18.466	18.516	HH	84393	2486377	20.26%	0.527%
356	18.529	18.516	18.554	HH	84179	1874379	15.27%	0.398%
357	18.559	18.554	18.565	HH	81978	536329	4.37%	0.114%
358	18.595	18.565	18.599	HH	84754	1663462	13.56%	0.353%
359	18.637	18.599	18.672	HH	123864	4273913	34.83%	0.907%
360	18.703	18.672	18.710	HH	85346	1919085	15.64%	0.407%
361	18.746	18.710	18.771	HH	99197	3368620	27.45%	0.715%
362	18.796	18.771	18.835	HH	98443	3596865	29.31%	0.763%
363	18.840	18.835	18.850	HH	90546	811981	6.62%	0.172%
364	18.855	18.850	18.859	HH	89756	505997	4.12%	0.107%
365	18.888	18.859	18.896	HH	95381	2043353	16.65%	0.433%
366	18.919	18.896	18.942	HH	98295	2641268	21.52%	0.560%
367	18.948	18.942	18.954	HH	94937	669126	5.45%	0.142%
368	19.005	18.954	19.017	HH	124568	4108564	33.48%	0.871%
369	19.036	19.017	19.065	HH	135895	3415167	27.83%	0.724%
370	19.078	19.065	19.104	HH	104641	2398705	19.55%	0.509%
371	19.145	19.104	19.163	HH	107391	3634746	29.62%	0.771%
372	19.167	19.163	19.199	HH	106944	2258069	18.40%	0.479%
373	19.204	19.199	19.209	HH	102642	613086	5.00%	0.130%
374	19.229	19.209	19.242	HH	104603	2068827	16.86%	0.439%
375	19.262	19.242	19.274	HH	105200	1975577	16.10%	0.419%
376	19.292	19.274	19.306	HH	108031	2063323	16.81%	0.438%
377	19.326	19.306	19.358	HH	109909	3374260	27.50%	0.716%
378	19.370	19.358	19.374	HH	108761	1079671	8.80%	0.229%
379	19.423	19.374	19.445	HH	141095	5128116	41.79%	1.088%
380	19.461	19.445	19.480	HH	122162	2531964	20.63%	0.537%
381	19.491	19.480	19.509	HH	122450	2129044	17.35%	0.452%
382	19.544	19.509	19.579	HH	126448	5161604	42.06%	1.095%
383	19.609	19.579	19.628	HH	125804	3603898	29.37%	0.764%
384	19.673	19.628	19.677	HH	126920	3704219	30.19%	0.786%
385	19.683	19.677	19.688	HH	127073	787122	6.41%	0.167%
386	19.710	19.688	19.742	HH	130501	4241537	34.56%	0.900%
387	19.799	19.742	19.830	HH	160981	7496415	61.09%	1.590%
388	19.853	19.830	19.877	HH	140651	3866989	31.51%	0.820%
389	19.883	19.877	19.890	HH	137162	1103958	9.00%	0.234%
390	19.964	19.890	19.969	HH	145937	6610148	53.87%	1.402%
391	19.974	19.969	19.982	HH	146645	1159643	9.45%	0.246%
392	19.988	19.982	20.012	HH	147176	2653121	21.62%	0.563%
393	20.046	20.012	20.051	HH	148003	3401225	27.72%	0.721%
394	20.081	20.051	20.108	HH	156567	5174702	42.17%	1.098%
395	20.120	20.108	20.127	HH	152168	1714532	13.97%	0.364%
396	20.167	20.127	20.202	HH	175760	7293088	59.43%	1.547%
397	20.244	20.202	20.263	HH	167278	5881662	47.93%	1.248%
398	20.273	20.263	20.287	HH	163788	2360543	19.24%	0.501%
399	20.308	20.287	20.316	HH	167731	2893700	23.58%	0.614%
400	20.329	20.316	20.338	HH	168836	2253407	18.36%	0.478%
401	20.346	20.338	20.355	HH	168865	1701833	13.87%	0.361%
402	20.384	20.355	20.417	HH	172276	6257360	50.99%	1.327%
403	20.425	20.417	20.431	HH	168418	1406975	11.47%	0.298%
404	20.440	20.431	20.445	HH	168533	1406114	11.46%	0.298%

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405	20.477	20.445	20.489	HH	170457	4449403	36.26%	0.944%
406	20.527	20.489	20.563	HH	191978	7943155	64.73%	1.685%
407	20.583	20.563	20.603	HH	176169	4160679	33.91%	0.883%
408	20.608	20.603	20.612	HH	170897	912737	7.44%	0.194%
409	20.624	20.612	20.635	HH	173595	2424608	19.76%	0.514%
410	20.659	20.635	20.669	HH	176414	3495011	28.48%	0.741%
411	20.678	20.669	20.727	HH	176037	6080241	49.55%	1.290%
412	20.734	20.727	20.741	HH	172082	1381650	11.26%	0.293%
413	20.751	20.741	20.758	HH	173442	1755495	14.31%	0.372%
414	20.764	20.758	20.807	HH	172973	5037363	41.05%	1.068%
415	20.812	20.807	20.815	HH	170362	840946	6.85%	0.178%
416	20.820	20.815	20.844	HH	170729	2943116	23.98%	0.624%
417	20.862	20.844	20.872	HH	170205	2863098	23.33%	0.607%
418	20.880	20.872	20.884	HH	170549	1194669	9.74%	0.253%
419	20.915	20.884	20.953	HH	188087	7413652	60.41%	1.572%
420	20.957	20.953	20.971	HH	173025	1791015	14.60%	0.380%
421	21.027	20.971	21.042	HH	175401	7447619	60.69%	1.580%
422	21.046	21.042	21.050	HH	173958	885885	7.22%	0.188%
423	21.059	21.050	21.069	HH	174650	1920770	15.65%	0.407%
424	21.074	21.069	21.080	HH	175073	1204570	9.82%	0.255%
425	21.087	21.080	21.093	HH	174570	1337299	10.90%	0.284%
426	21.096	21.093	21.101	HH	174606	827592	6.74%	0.176%
427	21.106	21.101	21.140	HH	174636	4063920	33.12%	0.862%
428	21.145	21.140	21.150	HH	171605	1013497	8.26%	0.215%
429	21.155	21.150	21.165	HH	171118	1570217	12.80%	0.333%
430	21.175	21.165	21.212	HH	171695	4706187	38.35%	0.998%
431	21.222	21.212	21.241	HH	170174	3030198	24.69%	0.643%
432	21.248	21.241	21.254	HH	170413	1279159	10.42%	0.271%
433	21.259	21.254	21.279	HH	170445	2574143	20.98%	0.546%
434	21.288	21.279	21.293	HH	171389	1442895	11.76%	0.306%
435	21.307	21.293	21.312	HH	172521	1969432	16.05%	0.418%
436	21.354	21.312	21.386	HH	184707	7844054	63.92%	1.664%
437	21.397	21.386	21.407	HH	177042	2210399	18.01%	0.469%
438	21.414	21.407	21.439	HH	177250	3358660	27.37%	0.712%
439	21.444	21.439	21.456	HH	172604	1795559	14.63%	0.381%
440	21.479	21.456	21.508	HH	172919	5343619	43.55%	1.133%
441	21.512	21.508	21.518	HH	169991	981458	8.00%	0.208%
442	21.524	21.518	21.530	HH	170389	1281505	10.44%	0.272%
443	21.547	21.530	21.556	HH	170027	2635133	21.47%	0.559%
444	21.562	21.556	21.565	HH	169767	912347	7.43%	0.194%
445	21.572	21.565	21.583	HH	169760	1785969	14.55%	0.379%
446	21.594	21.583	21.613	HH	170047	3053212	24.88%	0.648%
447	21.617	21.613	21.623	HH	169709	1070570	8.72%	0.227%
448	21.628	21.623	21.637	HH	168903	1426626	11.63%	0.303%
449	21.644	21.637	21.670	HH	167539	3208337	26.15%	0.681%
450	21.674	21.670	21.692	HH	166225	2176887	17.74%	0.462%
451	21.707	21.692	21.715	HH	165185	2273533	18.53%	0.482%
452	21.722	21.715	21.726	HH	165292	1153897	9.40%	0.245%
453	21.745	21.726	21.754	HH	166463	2785173	22.70%	0.591%
454	21.760	21.754	21.766	HH	166247	1150715	9.38%	0.244%
455	21.792	21.766	21.803	HH	168214	3682613	30.01%	0.781%
456	21.859	21.803	21.921	HHA	179355	12271236	100.00%	2.603%

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Sum of corrected areas: 471460761

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