

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032621\
 Data File : FE033461.D
 Signal(s) : FID1B.CH
 Acq On : 26 Mar 2021 21:31
 Sample : M1832-05
 Misc :
 ALS Vial : 16 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	2.436	2.392	2.476	BH	2051	2719	0.02%	0.001%
2	2.480	2.476	2.502	PH	-664	-13303	-0.08%	-0.003%
3	2.506	2.502	2.539	PH	-744	-24983	-0.14%	-0.005%
4	2.553	2.539	2.567	PH	-71	-14453	-0.08%	-0.003%
5	2.578	2.567	2.627	PH	5719	17886	0.10%	0.004%
6	2.655	2.627	2.684	PH	5046	-5557	-0.03%	-0.001%
7	2.751	2.684	2.762	PH	15316	233990	1.33%	0.049%
8	2.823	2.762	2.853	HH	29574	898700	5.10%	0.188%
9	2.879	2.853	2.945	HH	10438	103187	0.59%	0.022%
10	2.968	2.945	3.022	PH	25540	241392	1.37%	0.050%
11	3.031	3.022	3.038	PH	239	-2457	-0.01%	-0.001%
12	3.045	3.038	3.058	PH	-68	-4912	-0.03%	-0.001%
13	3.085	3.058	3.103	PH	1296	-11813	-0.07%	-0.002%
14	3.118	3.103	3.131	PH	94	-14804	-0.08%	-0.003%
15	3.141	3.131	3.159	PH	-397	-23147	-0.13%	-0.005%
16	3.189	3.159	3.204	PH	7168	12199	0.07%	0.003%
17	3.216	3.204	3.246	PH	49	-44045	-0.25%	-0.009%
18	3.265	3.246	3.291	PH	-2223	-71573	-0.41%	-0.015%
19	3.308	3.291	3.333	PH	2578	-31152	-0.18%	-0.007%
20	3.340	3.333	3.365	PH	-3059	-61035	-0.35%	-0.013%
21	3.377	3.365	3.410	PH	-3102	-92201	-0.52%	-0.019%
22	3.429	3.410	3.443	PH	-1597	-54173	-0.31%	-0.011%
23	3.456	3.443	3.492	PH	-1780	-85660	-0.49%	-0.018%
24	3.495	3.492	3.512	PH	-3316	-41216	-0.23%	-0.009%
25	3.530	3.512	3.558	PH	-1108	-77123	-0.44%	-0.016%
26	3.573	3.558	3.580	PH	-2911	-42998	-0.24%	-0.009%
27	3.608	3.580	3.625	PH	7035	2425	0.01%	0.001%
28	3.636	3.625	3.649	PH	-2058	-37128	-0.21%	-0.008%
29	3.663	3.649	3.682	PH	-1969	-56193	-0.32%	-0.012%
30	3.728	3.682	3.780	PH	19330	62138	0.35%	0.013%
31	3.793	3.780	3.803	PH	-1994	-33469	-0.19%	-0.007%
32	3.812	3.803	3.822	PH	-2383	-28593	-0.16%	-0.006%
33	3.856	3.822	3.894	PH	35530	217086	1.23%	0.045%
34	3.917	3.894	3.929	PH	-212	-46238	-0.26%	-0.010%
35	3.937	3.929	3.960	PH	-2114	-58402	-0.33%	-0.012%
36	3.962	3.960	3.974	PH	-4030	-37004	-0.21%	-0.008%

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37	4.000	3.974	4.044	PH	611	-122296	-0.69%	-0.026%
38	4.065	4.044	4.086	PH	35350	222402	1.26%	0.046%
39	4.104	4.086	4.129	PH	9359	92177	0.52%	0.019%
40	4.138	4.129	4.198	PH	-562	-110087	-0.62%	-0.023%
41	4.231	4.198	4.269	PH	22727	210447	1.19%	0.044%
42	4.276	4.269	4.295	PH	-1432	-36830	-0.21%	-0.008%
43	4.308	4.295	4.326	PH	-2893	-62257	-0.35%	-0.013%
44	4.342	4.326	4.369	PH	-2230	-83185	-0.47%	-0.017%
45	4.379	4.369	4.392	PH	-3916	-55656	-0.32%	-0.012%
46	4.424	4.392	4.467	PH	2563	-67289	-0.38%	-0.014%
47	4.481	4.467	4.497	PH	-848	-43733	-0.25%	-0.009%
48	4.516	4.497	4.534	PH	14025	77438	0.44%	0.016%
49	4.549	4.534	4.571	PH	10807	65888	0.37%	0.014%
50	4.588	4.571	4.613	PH	9787	32037	0.18%	0.007%
51	4.628	4.613	4.645	PH	-1915	-56629	-0.32%	-0.012%
52	4.667	4.645	4.674	PH	-232	-33062	-0.19%	-0.007%
53	4.684	4.674	4.712	PH	666	-42035	-0.24%	-0.009%
54	4.722	4.712	4.751	PH	-3604	-92072	-0.52%	-0.019%
55	4.765	4.751	4.779	PH	-4101	-72705	-0.41%	-0.015%
56	4.789	4.779	4.797	PH	-3766	-44039	-0.25%	-0.009%
57	4.813	4.797	4.830	PH	-1063	-55261	-0.31%	-0.012%
58	4.862	4.830	4.881	PH	-2276	-102531	-0.58%	-0.021%
59	4.901	4.881	4.913	PH	-3706	-79641	-0.45%	-0.017%
60	4.933	4.913	4.960	PH	-3416	-105516	-0.60%	-0.022%
61	4.979	4.960	4.995	PH	-2572	-73894	-0.42%	-0.015%
62	5.011	4.995	5.031	PH	-2315	-72843	-0.41%	-0.015%
63	5.045	5.031	5.060	PH	-2020	-54581	-0.31%	-0.011%
64	5.090	5.060	5.107	PH	-1100	-80115	-0.45%	-0.017%
65	5.118	5.107	5.139	PH	-3476	-71947	-0.41%	-0.015%
66	5.152	5.139	5.164	PH	-3632	-56710	-0.32%	-0.012%
67	5.173	5.164	5.181	PH	-3700	-40438	-0.23%	-0.008%
68	5.218	5.181	5.237	PH	-2176	-106316	-0.60%	-0.022%
69	5.247	5.237	5.260	PH	-3618	-50850	-0.29%	-0.011%
70	5.265	5.260	5.271	PH	-4009	-28628	-0.16%	-0.006%
71	5.284	5.271	5.301	PH	-3542	-69629	-0.40%	-0.015%
72	5.322	5.301	5.355	PH	11703	81190	0.46%	0.017%
73	5.367	5.355	5.372	PH	-3453	-37256	-0.21%	-0.008%
74	5.389	5.372	5.427	PH	512	-83258	-0.47%	-0.017%
75	5.432	5.427	5.453	PH	-4228	-67881	-0.39%	-0.014%
76	5.468	5.453	5.492	PH	-4069	-104695	-0.59%	-0.022%
77	5.514	5.492	5.529	PH	-3118	-84893	-0.48%	-0.018%
78	5.559	5.529	5.600	PH	-682	-106669	-0.61%	-0.022%
79	5.616	5.600	5.640	PH	-1596	-74298	-0.42%	-0.016%
80	5.655	5.640	5.663	PH	-4019	-57583	-0.33%	-0.012%
81	5.681	5.663	5.698	PH	-2120	-70767	-0.40%	-0.015%
82	5.749	5.698	5.786	PH	-2639	-187922	-1.07%	-0.039%
83	5.796	5.786	5.803	PH	-4110	-42790	-0.24%	-0.009%
84	5.824	5.803	5.837	PH	-3642	-77171	-0.44%	-0.016%
85	5.862	5.837	5.879	PH	-2503	-85158	-0.48%	-0.018%
86	5.895	5.879	5.917	PH	-2520	-72837	-0.41%	-0.015%
87	5.935	5.917	5.952	PH	-1283	-51959	-0.29%	-0.011%
88	5.967	5.952	5.989	PH	640	-42035	-0.24%	-0.009%
89	5.993	5.989	6.001	PH	-3906	-29135	-0.17%	-0.006%

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90	6.018	6.001	6.026	PH	-2045	-42344	-0.24%	-0.009%
91	6.050	6.026	6.055	PH	6406	30924	0.18%	0.006%
92	6.064	6.055	6.103	HH	8865	27499	0.16%	0.006%
93	6.121	6.103	6.139	PH	-1461	-57834	-0.33%	-0.012%
94	6.164	6.139	6.182	PH	-2246	-81550	-0.46%	-0.017%
95	6.209	6.182	6.226	PH	-1455	-66505	-0.38%	-0.014%
96	6.233	6.226	6.267	PH	-2671	-79981	-0.45%	-0.017%
97	6.282	6.267	6.289	PH	-3354	-46791	-0.27%	-0.010%
98	6.293	6.289	6.301	PH	-3305	-24003	-0.14%	-0.005%
99	6.307	6.301	6.314	PH	-3292	-26414	-0.15%	-0.006%
100	6.336	6.314	6.368	PH	482	-57290	-0.33%	-0.012%
101	6.406	6.368	6.426	PH	10139	62571	0.36%	0.013%
102	6.433	6.426	6.468	PH	-1193	-71318	-0.40%	-0.015%
103	6.493	6.468	6.534	PH	323	-95628	-0.54%	-0.020%
104	6.545	6.534	6.551	PH	-3533	-38727	-0.22%	-0.008%
105	6.576	6.551	6.596	PH	4658	-9666	-0.05%	-0.002%
106	6.624	6.596	6.671	PH	101798	921803	5.23%	0.193%
107	6.724	6.671	6.755	PH	27502	147950	0.84%	0.031%
108	6.773	6.755	6.784	PH	-1546	-46517	-0.26%	-0.010%
109	6.792	6.784	6.801	PH	-2360	-25100	-0.14%	-0.005%
110	6.822	6.801	6.849	PH	-1483	-67683	-0.38%	-0.014%
111	6.866	6.849	6.877	PH	-688	-26832	-0.15%	-0.006%
112	6.898	6.877	6.929	PH	70714	601463	3.41%	0.126%
113	6.961	6.929	6.988	PH	8982	25375	0.14%	0.005%
114	7.002	6.988	7.020	PH	-1890	-47353	-0.27%	-0.010%
115	7.024	7.020	7.035	PH	-3230	-31235	-0.18%	-0.007%
116	7.055	7.035	7.079	PH	7155	-3219	-0.02%	-0.001%
117	7.115	7.079	7.140	PH	34838	247450	1.40%	0.052%
118	7.146	7.140	7.155	PH	-2435	-23961	-0.14%	-0.005%
119	7.168	7.155	7.184	PH	-2141	-45078	-0.26%	-0.009%
120	7.194	7.184	7.224	PH	-2754	-81380	-0.46%	-0.017%
121	7.252	7.224	7.269	PH	1825	-37656	-0.21%	-0.008%
122	7.285	7.269	7.304	PH	1338	-20402	-0.12%	-0.004%
123	7.316	7.304	7.355	PH	-1343	-88677	-0.50%	-0.019%
124	7.371	7.355	7.384	PH	-3199	-62174	-0.35%	-0.013%
125	7.417	7.384	7.457	PH	315514	3044545	17.27%	0.637%
126	7.497	7.457	7.516	PH	2262	-41768	-0.24%	-0.009%
127	7.547	7.516	7.558	PH	2620	-3231	-0.02%	-0.001%
128	7.571	7.558	7.595	PH	4971	10093	0.06%	0.002%
129	7.616	7.595	7.641	PH	4031	-2757	-0.02%	-0.001%
130	7.647	7.641	7.655	PH	-1359	-12425	-0.07%	-0.003%
131	7.661	7.655	7.683	PH	-1362	-36821	-0.21%	-0.008%
132	7.705	7.683	7.723	PH	1299	-30587	-0.17%	-0.006%
133	7.733	7.723	7.744	PH	-2222	-30630	-0.17%	-0.006%
134	7.751	7.744	7.760	PH	-2185	-22212	-0.13%	-0.005%
135	7.780	7.760	7.802	PH	4337	4795	0.03%	0.001%
136	7.833	7.802	7.860	PH	22647	343777	1.95%	0.072%
137	7.871	7.860	7.885	PH	2921	17756	0.10%	0.004%
138	7.902	7.885	7.927	PH	943	-18409	-0.10%	-0.004%
139	7.944	7.927	7.966	PH	-1797	-54365	-0.31%	-0.011%
140	7.974	7.966	7.983	PH	-2486	-26898	-0.15%	-0.006%
141	8.018	7.983	8.043	PH	23433	195714	1.11%	0.041%

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142	8.061	8.043	8.068	PH	1605	7513	0.04%	0.002%
143	8.090	8.068	8.107	HH	21726	243780	1.38%	0.051%
144	8.114	8.107	8.129	HH	5733	48885	0.28%	0.010%
145	8.144	8.129	8.164	HH	10331	91726	0.52%	0.019%
146	8.177	8.164	8.196	PH	640	-15254	-0.09%	-0.003%
147	8.215	8.196	8.227	PH	54	-18340	-0.10%	-0.004%
148	8.256	8.227	8.261	PH	13791	127843	0.73%	0.027%
149	8.273	8.261	8.288	HH	22243	269925	1.53%	0.056%
150	8.297	8.288	8.323	HH	14518	162384	0.92%	0.034%
151	8.347	8.323	8.380	PH	38481	347692	1.97%	0.073%
152	8.409	8.380	8.430	PH	36201	523538	2.97%	0.109%
153	8.442	8.430	8.471	HH	11412	101158	0.57%	0.021%
154	8.504	8.471	8.526	PH	14334	145412	0.83%	0.030%
155	8.544	8.526	8.563	HH	20121	187926	1.07%	0.039%
156	8.575	8.563	8.590	HH	877	5632	0.03%	0.001%
157	8.610	8.590	8.627	PH	4772	41533	0.24%	0.009%
158	8.644	8.627	8.657	PH	3504	30693	0.17%	0.006%
159	8.675	8.657	8.685	HH	10442	112898	0.64%	0.024%
160	8.694	8.685	8.721	HH	9068	136423	0.77%	0.029%
161	8.744	8.721	8.759	HH	90024	958729	5.44%	0.200%
162	8.774	8.759	8.787	HH	88765	932028	5.29%	0.195%
163	8.796	8.787	8.828	HH	57113	546646	3.10%	0.114%
164	8.869	8.828	8.893	HH	246251	2581226	14.65%	0.540%
165	8.907	8.893	8.921	HH	8844	70454	0.40%	0.015%
166	8.932	8.921	8.949	HH	2913	25686	0.15%	0.005%
167	8.966	8.949	8.973	HH	5865	52178	0.30%	0.011%
168	8.987	8.973	9.003	HH	14649	139602	0.79%	0.029%
169	9.020	9.003	9.037	HH	5835	69374	0.39%	0.015%
170	9.048	9.037	9.069	HH	2719	16820	0.10%	0.004%
171	9.105	9.069	9.122	PH	8297	61609	0.35%	0.013%
172	9.137	9.122	9.146	PH	3203	28819	0.16%	0.006%
173	9.154	9.146	9.176	HH	3013	23903	0.14%	0.005%
174	9.201	9.176	9.232	PH	8655	96265	0.55%	0.020%
175	9.248	9.232	9.262	PH	4988	41064	0.23%	0.009%
176	9.272	9.262	9.312	HH	2211	25246	0.14%	0.005%
177	9.324	9.312	9.331	PH	98	-4465	-0.03%	-0.001%
178	9.345	9.331	9.358	PH	1870	10297	0.06%	0.002%
179	9.368	9.358	9.382	PH	650	-657	-0.00%	-0.000%
180	9.399	9.382	9.414	PH	850	710	0.00%	0.000%
181	9.435	9.414	9.455	PH	15713	157129	0.89%	0.033%
182	9.477	9.455	9.500	HH	12293	201557	1.14%	0.042%
183	9.511	9.500	9.530	HH	8829	85854	0.49%	0.018%
184	9.557	9.530	9.579	PH	70037	762184	4.32%	0.159%
185	9.586	9.579	9.592	HH	4864	36364	0.21%	0.008%
186	9.616	9.592	9.659	HH	20363	307134	1.74%	0.064%
187	9.689	9.659	9.719	PH	264397	2671161	15.16%	0.558%
188	9.726	9.719	9.733	PH	-151	-2053	-0.01%	-0.000%
189	9.752	9.733	9.761	PH	1982	16414	0.09%	0.003%
190	9.772	9.761	9.786	HH	3047	31295	0.18%	0.007%
191	9.801	9.786	9.808	HH	2713	27329	0.16%	0.006%
192	9.825	9.808	9.840	HH	6912	88267	0.50%	0.018%
193	9.848	9.840	9.854	HH	3830	30812	0.17%	0.006%
194	9.871	9.854	9.882	HH	10359	122605	0.70%	0.026%

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195	9.901	9.882	9.935	HH	24127	326737	1.85% 0.068%
196	9.969	9.935	10.022	HH	265947	2796478	15.87% 0.585%
197	10.040	10.022	10.088	HH	5080	81921	0.46% 0.017%
198	10.105	10.088	10.112	PH	374	1663	0.01% 0.000%
199	10.132	10.112	10.156	HH	4526	48181	0.27% 0.010%
200	10.185	10.156	10.207	PH	2384	36425	0.21% 0.008%
201	10.225	10.207	10.257	HH	5881	95337	0.54% 0.020%
202	10.272	10.257	10.287	HH	3498	46845	0.27% 0.010%
203	10.307	10.287	10.338	HH	15139	213262	1.21% 0.045%
204	10.372	10.338	10.395	HH	66762	824486	4.68% 0.172%
205	10.408	10.395	10.416	HH	12725	147203	0.84% 0.031%
206	10.428	10.416	10.455	HH	17623	236247	1.34% 0.049%
207	10.469	10.455	10.480	HH	4658	53529	0.30% 0.011%
208	10.500	10.480	10.553	HH	30339	604075	3.43% 0.126%
209	10.578	10.553	10.603	HH	7565	159958	0.91% 0.033%
210	10.623	10.603	10.634	HH	8849	117487	0.67% 0.025%
211	10.654	10.634	10.675	HH	34345	440957	2.50% 0.092%
212	10.681	10.675	10.697	HH	6293	70178	0.40% 0.015%
213	10.712	10.697	10.726	HH	4737	74690	0.42% 0.016%
214	10.771	10.726	10.786	HH	21746	390688	2.22% 0.082%
215	10.827	10.786	10.861	HH	937150	12310262	69.85% 2.574%
216	10.881	10.861	10.896	HH	87241	990508	5.62% 0.207%
217	10.907	10.896	10.931	HH	41849	484562	2.75% 0.101%
218	10.955	10.931	10.976	HH	20561	286320	1.62% 0.060%
219	10.993	10.976	10.997	HH	7105	71109	0.40% 0.015%
220	11.018	10.997	11.046	HH	47669	612244	3.47% 0.128%
221	11.053	11.046	11.069	HH	5588	71565	0.41% 0.015%
222	11.123	11.069	11.149	HH	52572	964956	5.47% 0.202%
223	11.172	11.149	11.196	HH	26538	468567	2.66% 0.098%
224	11.214	11.196	11.242	HH	34992	526118	2.99% 0.110%
225	11.253	11.242	11.271	HH	8732	124194	0.70% 0.026%
226	11.290	11.271	11.315	HH	11713	227230	1.29% 0.048%
227	11.364	11.315	11.389	HH	123556	2326855	13.20% 0.486%
228	11.414	11.389	11.434	HH	88970	1154018	6.55% 0.241%
229	11.473	11.434	11.507	HH	648140	8166543	46.34% 1.707%
230	11.524	11.507	11.551	HH	23698	386419	2.19% 0.081%
231	11.574	11.551	11.618	HH	43315	918670	5.21% 0.192%
232	11.642	11.618	11.665	HH	29146	421064	2.39% 0.088%
233	11.684	11.665	11.694	HH	15599	210606	1.19% 0.044%
234	11.711	11.694	11.739	HH	18193	391593	2.22% 0.082%
235	11.760	11.739	11.772	HH	41056	520358	2.95% 0.109%
236	11.788	11.772	11.818	HH	66743	903561	5.13% 0.189%
237	11.853	11.818	11.875	HH	28464	590113	3.35% 0.123%
238	11.892	11.875	11.925	HH	33179	540900	3.07% 0.113%
239	11.957	11.925	11.976	HH	48968	649661	3.69% 0.136%
240	11.993	11.976	12.007	HH	25408	344652	1.96% 0.072%
241	12.038	12.007	12.061	HH	27556	706352	4.01% 0.148%
242	12.100	12.061	12.108	HH	197489	2635040	14.95% 0.551%
243	12.122	12.108	12.143	HH	216002	2972956	16.87% 0.622%
244	12.175	12.143	12.222	HH	131919	2711718	15.39% 0.567%
245	12.297	12.222	12.344	HH	545756	12428639	70.52% 2.598%
246	12.361	12.344	12.394	HH	20255	448658	2.55% 0.094%

rteres								
247	12.415	12.394	12.446	HH	27700	498484	2.83%	0.104%
248	12.466	12.446	12.485	HH	15833	277939	1.58%	0.058%
249	12.510	12.485	12.517	HH	47571	563692	3.20%	0.118%
250	12.524	12.517	12.537	HH	47501	511654	2.90%	0.107%
251	12.547	12.537	12.597	HH	37006	751101	4.26%	0.157%
252	12.609	12.597	12.621	HH	12092	163715	0.93%	0.034%
253	12.639	12.621	12.647	HH	14345	201103	1.14%	0.042%
254	12.698	12.647	12.717	HH	102309	1743620	9.89%	0.365%
255	12.725	12.717	12.744	HH	28471	370989	2.10%	0.078%
256	12.749	12.744	12.765	HH	15602	183117	1.04%	0.038%
257	12.787	12.765	12.811	HH	38778	594228	3.37%	0.124%
258	12.873	12.811	12.900	HH	854233	11882328	67.42%	2.484%
259	12.907	12.900	12.920	HH	16701	187282	1.06%	0.039%
260	12.933	12.920	12.942	HH	18053	213959	1.21%	0.045%
261	12.960	12.942	12.976	HH	38492	573311	3.25%	0.120%
262	13.004	12.976	13.020	HH	187604	2765517	15.69%	0.578%
263	13.028	13.020	13.068	HH	94040	1211382	6.87%	0.253%
264	13.084	13.068	13.126	HH	17732	443098	2.51%	0.093%
265	13.149	13.126	13.158	HH	13163	221623	1.26%	0.046%
266	13.169	13.158	13.187	HH	13486	216639	1.23%	0.045%
267	13.207	13.187	13.214	HH	12644	192233	1.09%	0.040%
268	13.234	13.214	13.242	HH	20793	288333	1.64%	0.060%
269	13.271	13.242	13.302	HH	80435	1594236	9.05%	0.333%
270	13.328	13.302	13.341	HH	118281	1808913	10.26%	0.378%
271	13.356	13.341	13.374	HH	144402	1997581	11.33%	0.418%
272	13.388	13.374	13.437	HH	72503	1353088	7.68%	0.283%
273	13.454	13.437	13.459	HH	19962	237274	1.35%	0.050%
274	13.495	13.459	13.523	HH	245386	3536733	20.07%	0.739%
275	13.527	13.523	13.533	HH	19157	122589	0.70%	0.026%
276	13.547	13.533	13.566	HH	20856	377693	2.14%	0.079%
277	13.584	13.566	13.614	HH	25307	508482	2.89%	0.106%
278	13.639	13.614	13.667	HH	22992	501240	2.84%	0.105%
279	13.699	13.667	13.711	HH	20842	435975	2.47%	0.091%
280	13.726	13.711	13.748	HH	23334	440304	2.50%	0.092%
281	13.769	13.748	13.808	HH	22239	660847	3.75%	0.138%
282	13.828	13.808	13.846	HH	20756	414241	2.35%	0.087%
283	13.858	13.846	13.880	HH	18677	311849	1.77%	0.065%
284	13.901	13.880	13.920	HH	13981	291623	1.65%	0.061%
285	13.952	13.920	14.002	HH	28121	826803	4.69%	0.173%
286	14.049	14.002	14.076	HH	16822	592967	3.36%	0.124%
287	14.119	14.076	14.149	HH	79451	1340169	7.60%	0.280%
288	14.162	14.149	14.175	HH	11827	179982	1.02%	0.038%
289	14.197	14.175	14.202	HH	18670	246327	1.40%	0.052%
290	14.224	14.202	14.251	HH	42053	761306	4.32%	0.159%
291	14.276	14.251	14.280	HH	17287	274520	1.56%	0.057%
292	14.294	14.280	14.305	HH	18804	261930	1.49%	0.055%
293	14.313	14.305	14.321	HH	17863	168505	0.96%	0.035%
294	14.347	14.321	14.375	HH	146384	1959073	11.12%	0.410%
295	14.398	14.375	14.436	HH	32872	814657	4.62%	0.170%
296	14.458	14.436	14.475	HH	27432	519142	2.95%	0.109%
297	14.499	14.475	14.539	HH	30214	893776	5.07%	0.187%
298	14.563	14.539	14.588	HH	27055	614076	3.48%	0.128%
299	14.619	14.588	14.653	HH	77611	1429362	8.11%	0.299%

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300	14.666	14.653	14.698	HH	16953	443071	2.51%	0.093%
301	14.743	14.698	14.771	HH	792771	11177054	63.42%	2.337%
302	14.782	14.771	14.809	HH	27522	459039	2.60%	0.096%
303	14.827	14.809	14.844	HH	18275	347265	1.97%	0.073%
304	14.870	14.844	14.891	HH	67880	1070403	6.07%	0.224%
305	14.913	14.891	14.959	HH	61942	1236475	7.02%	0.259%
306	14.983	14.959	15.005	HH	26742	530479	3.01%	0.111%
307	15.032	15.005	15.065	HH	24751	643653	3.65%	0.135%
308	15.087	15.065	15.095	HH	15907	277728	1.58%	0.058%
309	15.111	15.095	15.123	HH	18139	277684	1.58%	0.058%
310	15.151	15.123	15.188	HH	40803	1038411	5.89%	0.217%
311	15.207	15.188	15.244	HH	24248	698055	3.96%	0.146%
312	15.272	15.244	15.288	HH	34745	685310	3.89%	0.143%
313	15.322	15.288	15.394	HH	594962	8807505	49.97%	1.841%
314	15.415	15.394	15.431	HH	20631	415997	2.36%	0.087%
315	15.458	15.431	15.487	HH	100008	1691017	9.59%	0.354%
316	15.506	15.487	15.524	HH	38883	729107	4.14%	0.152%
317	15.538	15.524	15.566	HH	36374	729644	4.14%	0.153%
318	15.584	15.566	15.608	HH	23326	520228	2.95%	0.109%
319	15.627	15.608	15.640	HH	19930	361060	2.05%	0.075%
320	15.676	15.640	15.704	HH	125692	2221077	12.60%	0.464%
321	15.721	15.704	15.765	HH	36668	1063094	6.03%	0.222%
322	15.808	15.765	15.820	HH	54226	1132982	6.43%	0.237%
323	15.829	15.820	15.879	HH	47630	1116265	6.33%	0.233%
324	15.920	15.879	15.937	HH	33125	947161	5.37%	0.198%
325	15.958	15.937	15.993	HH	36962	1002210	5.69%	0.210%
326	16.020	15.993	16.050	HH	59663	1331635	7.56%	0.278%
327	16.073	16.050	16.099	HH	28087	801781	4.55%	0.168%
328	16.169	16.099	16.188	HH	42134	1789725	10.15%	0.374%
329	16.199	16.188	16.246	HH	36482	1143501	6.49%	0.239%
330	16.261	16.246	16.274	HH	29132	487342	2.77%	0.102%
331	16.283	16.274	16.293	HH	28676	325343	1.85%	0.068%
332	16.331	16.293	16.387	HH	345820	5799568	32.91%	1.213%
333	16.443	16.387	16.479	HH	197405	4443506	25.21%	0.929%
334	16.515	16.479	16.540	HH	49670	1396995	7.93%	0.292%
335	16.575	16.540	16.608	HH	49146	1750022	9.93%	0.366%
336	16.655	16.608	16.670	HH	85609	2128780	12.08%	0.445%
337	16.687	16.670	16.721	HH	81582	1923520	10.91%	0.402%
338	16.748	16.721	16.775	HH	70505	1741720	9.88%	0.364%
339	16.806	16.775	16.833	HH	100577	2221030	12.60%	0.464%
340	16.847	16.833	16.855	HH	46998	588960	3.34%	0.123%
341	16.874	16.855	16.889	HH	56099	1052233	5.97%	0.220%
342	16.909	16.889	16.936	HH	70290	1666834	9.46%	0.348%
343	16.960	16.936	16.965	HH	75426	1093328	6.20%	0.229%
344	16.987	16.965	17.022	HH	154465	3179893	18.04%	0.665%
345	17.045	17.022	17.082	HH	52537	1854679	10.52%	0.388%
346	17.118	17.082	17.132	HH	53530	1552590	8.81%	0.325%
347	17.147	17.132	17.152	HH	53853	647363	3.67%	0.135%
348	17.178	17.152	17.201	HH	56873	1620611	9.20%	0.339%
349	17.279	17.201	17.316	HH	653361	13027311	73.91%	2.724%
350	17.363	17.316	17.422	HH	342642	7923057	44.95%	1.656%
351	17.445	17.422	17.483	HH	70450	2162831	12.27%	0.452%

rteres								
352	17.502	17.483	17.511	HH	53627	880204	4.99%	0.184%
353	17.532	17.511	17.553	HH	68840	1492652	8.47%	0.312%
354	17.575	17.553	17.591	HH	64379	1350044	7.66%	0.282%
355	17.600	17.591	17.611	HH	61538	747129	4.24%	0.156%
356	17.629	17.611	17.694	HH	64273	2995727	17.00%	0.626%
357	17.717	17.694	17.746	HH	86338	2109134	11.97%	0.441%
358	17.776	17.746	17.783	HH	73521	1435864	8.15%	0.300%
359	17.798	17.783	17.833	HH	75839	1848242	10.49%	0.386%
360	17.888	17.833	17.951	HH	223620	6473995	36.73%	1.354%
361	17.972	17.951	17.995	HH	53646	1290310	7.32%	0.270%
362	18.030	17.995	18.053	HH	81150	2083190	11.82%	0.436%
363	18.081	18.053	18.098	HH	57038	1449919	8.23%	0.303%
364	18.164	18.098	18.202	HH	797519	16549678	93.90%	3.460%
365	18.226	18.202	18.287	HH	391835	8367674	47.48%	1.749%
366	18.318	18.287	18.338	HH	99417	2396647	13.60%	0.501%
367	18.346	18.338	18.369	HH	74750	1281073	7.27%	0.268%
368	18.384	18.369	18.406	HH	63982	1358351	7.71%	0.284%
369	18.430	18.406	18.457	HH	84063	2004607	11.37%	0.419%
370	18.487	18.457	18.500	HH	62018	1521559	8.63%	0.318%
371	18.540	18.500	18.550	HH	76856	2038104	11.56%	0.426%
372	18.574	18.550	18.592	HH	109385	2328862	13.21%	0.487%
373	18.622	18.592	18.684	HH	157031	5456835	30.96%	1.141%
374	18.741	18.684	18.780	HH	362837	9094416	51.60%	1.901%
375	18.786	18.780	18.832	HH	67690	1887297	10.71%	0.395%
376	18.862	18.832	18.879	HH	62176	1604280	9.10%	0.335%
377	18.921	18.879	18.944	HH	120156	3442855	19.53%	0.720%
378	18.992	18.944	19.017	HH	920519	17624879	100.00%	3.685%
379	19.034	19.017	19.090	HH	292904	7578935	43.00%	1.585%
380	19.113	19.090	19.145	HH	160091	3896839	22.11%	0.815%
381	19.170	19.145	19.211	HH	232984	4986653	28.29%	1.043%
382	19.274	19.211	19.305	HH	367317	8967674	50.88%	1.875%
383	19.319	19.305	19.353	HH	108767	2646981	15.02%	0.553%
384	19.380	19.353	19.402	HH	97446	2594811	14.72%	0.543%
385	19.433	19.402	19.460	HH	218019	4638663	26.32%	0.970%
386	19.487	19.460	19.506	HH	205766	4018650	22.80%	0.840%
387	19.523	19.506	19.558	HH	159567	3578514	20.30%	0.748%
388	19.606	19.558	19.626	HH	161208	4229264	24.00%	0.884%
389	19.640	19.626	19.667	HH	114292	2460214	13.96%	0.514%
390	19.702	19.667	19.735	HH	154856	4763226	27.03%	0.996%
391	19.759	19.735	19.806	HH	305481	7583074	43.02%	1.585%
392	19.820	19.806	19.841	HH	109554	2053978	11.65%	0.429%
393	19.862	19.841	19.902	HH	135560	3445593	19.55%	0.720%
394	19.926	19.902	19.950	HH	72828	1970863	11.18%	0.412%
395	19.970	19.950	19.986	HH	76191	1552890	8.81%	0.325%
396	20.018	19.986	20.059	HH	222441	5163307	29.30%	1.080%
397	20.083	20.059	20.130	HH	83660	3110498	17.65%	0.650%
398	20.152	20.130	20.165	HH	73396	1444517	8.20%	0.302%
399	20.191	20.165	20.217	HH	89678	2396557	13.60%	0.501%
400	20.224	20.217	20.242	HH	66530	985352	5.59%	0.206%
401	20.269	20.242	20.294	HH	72099	2106992	11.95%	0.441%
402	20.317	20.294	20.340	HH	69340	1814895	10.30%	0.379%
403	20.378	20.340	20.437	HH	96370	4341550	24.63%	0.908%
404	20.472	20.437	20.530	HH	115693	4903896	27.82%	1.025%

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405	20.549	20.530	20.594	HH	69725	2431500	13.80%	0.508%
406	20.634	20.594	20.644	HH	62334	1796978	10.20%	0.376%
407	20.702	20.644	20.742	HH	85833	4343247	24.64%	0.908%
408	20.785	20.742	20.831	HH	134327	5348246	30.34%	1.118%
409	20.835	20.831	20.878	HH	85500	2056302	11.67%	0.430%
410	20.896	20.878	20.924	HH	63511	1649955	9.36%	0.345%
411	20.958	20.924	20.991	HH	59233	2203822	12.50%	0.461%
412	21.011	20.991	21.020	HH	50801	882097	5.00%	0.184%
413	21.045	21.020	21.111	HH	52356	2674763	15.18%	0.559%
414	21.149	21.111	21.202	HH	72189	3135108	17.79%	0.655%
415	21.233	21.202	21.261	HH	49862	1701545	9.65%	0.356%
416	21.336	21.261	21.377	HH	61759	3821081	21.68%	0.799%
417	21.409	21.377	21.431	HH	51765	1639607	9.30%	0.343%
418	21.455	21.431	21.510	HH	53350	2335092	13.25%	0.488%
419	21.521	21.510	21.542	HH	43618	819677	4.65%	0.171%
420	21.576	21.542	21.613	HH	49103	1964560	11.15%	0.411%
421	21.645	21.613	21.675	HH	52253	1780498	10.10%	0.372%
422	21.726	21.675	21.765	HH	117980	4122265	23.39%	0.862%
423	21.785	21.765	21.816	HH	55022	1581956	8.98%	0.331%
424	21.823	21.816	21.862	HH	49189	1316556	7.47%	0.275%
425	21.885	21.862	21.901	HHA	44632	1041037	5.91%	0.218%

Sum of corrected areas: 478304738

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