

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035429.D
 Signal(s) : FID1B.CH
 Acq On : 19 Mar 2022 5:52
 Sample : N1966-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.124	2.102	2.149	BH	-51	-3497	-0.02%	-0.000%
2	2.188	2.149	2.226	PH	378	-3775	-0.02%	-0.000%
3	2.230	2.226	2.235	PH	-102	-1005	-0.01%	-0.000%
4	2.239	2.235	2.244	PH	-166	-1373	-0.01%	-0.000%
5	2.249	2.244	2.284	PH	-269	-9090	-0.05%	-0.001%
6	2.295	2.284	2.302	PH	-351	-4807	-0.03%	-0.000%
7	2.315	2.302	2.339	PH	-288	-8598	-0.05%	-0.001%
8	2.366	2.339	2.393	PH	-101	-11927	-0.07%	-0.001%
9	2.410	2.393	2.437	PH	471	-4177	-0.02%	-0.000%
10	2.448	2.437	2.459	PH	-155	-4247	-0.02%	-0.000%
11	2.467	2.459	2.484	PH	-230	-6459	-0.04%	-0.001%
12	2.500	2.484	2.519	PH	-57	-7140	-0.04%	-0.001%
13	2.540	2.519	2.564	PH	-62	-6751	-0.04%	-0.001%
14	2.569	2.564	2.584	PH	-200	-4171	-0.02%	-0.000%
15	2.594	2.584	2.607	PH	-352	-6022	-0.03%	-0.001%
16	2.630	2.607	2.701	PH	436	-18670	-0.11%	-0.002%
17	2.720	2.701	2.772	PH	1197	8049	0.05%	0.001%
18	2.784	2.772	2.802	PH	57	-3686	-0.02%	-0.000%
19	2.818	2.802	2.833	PH	-103	-5010	-0.03%	-0.000%
20	2.839	2.833	2.859	PH	-328	-6235	-0.04%	-0.001%
21	2.898	2.859	2.921	PH	1034	6173	0.03%	0.001%
22	2.938	2.921	2.957	HH	1251	10025	0.06%	0.001%
23	2.974	2.957	3.019	PH	851	9045	0.05%	0.001%
24	3.026	3.019	3.046	PH	-9	-3279	-0.02%	-0.000%
25	3.061	3.046	3.101	PH	-156	-9941	-0.06%	-0.001%
26	3.118	3.101	3.134	PH	-283	-7692	-0.04%	-0.001%
27	3.140	3.134	3.162	PH	-349	-7299	-0.04%	-0.001%
28	3.181	3.162	3.209	PH	273	-3661	-0.02%	-0.000%
29	3.222	3.209	3.244	PH	-124	-5200	-0.03%	-0.000%
30	3.258	3.244	3.272	PH	-106	-3850	-0.02%	-0.000%
31	3.283	3.272	3.287	PH	-33	-1197	-0.01%	-0.000%
32	3.298	3.287	3.317	PH	132	-2631	-0.01%	-0.000%
33	3.328	3.317	3.362	PH	-50	-6655	-0.04%	-0.001%
34	3.374	3.362	3.406	PH	-191	-10784	-0.06%	-0.001%
35	3.413	3.406	3.424	PH	-545	-6413	-0.04%	-0.001%
36	3.455	3.424	3.492	PH	-161	-18903	-0.11%	-0.002%

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37	3.496	3.492	3.532	PH	-484	-14772	-0.08%	-0.001%
38	3.550	3.532	3.576	PH	455	-4631	-0.03%	-0.000%
39	3.590	3.576	3.599	PH	-126	-3704	-0.02%	-0.000%
40	3.603	3.599	3.610	PH	-244	-1846	-0.01%	-0.000%
41	3.616	3.610	3.635	PH	-274	-5013	-0.03%	-0.000%
42	3.670	3.635	3.700	PH	257	-7489	-0.04%	-0.001%
43	3.708	3.700	3.735	PH	21	-6556	-0.04%	-0.001%
44	3.754	3.735	3.807	PH	547	-14264	-0.08%	-0.001%
45	3.844	3.807	3.863	PH	439	-8850	-0.05%	-0.001%
46	3.867	3.863	3.877	PH	-125	-2396	-0.01%	-0.000%
47	3.898	3.877	3.915	PH	136	-1983	-0.01%	-0.000%
48	3.933	3.915	3.969	PH	423	630	0.00%	0.000%
49	4.006	3.969	4.027	PH	2149	25274	0.14%	0.002%
50	4.042	4.027	4.104	HH	1213	12184	0.07%	0.001%
51	4.116	4.104	4.141	PH	-113	-7687	-0.04%	-0.001%
52	4.149	4.141	4.164	PH	-239	-5203	-0.03%	-0.000%
53	4.194	4.164	4.222	PH	-282	-16084	-0.09%	-0.001%
54	4.241	4.222	4.262	PH	660	-2548	-0.01%	-0.000%
55	4.282	4.262	4.299	PH	505	-1274	-0.01%	-0.000%
56	4.311	4.299	4.330	PH	267	-1491	-0.01%	-0.000%
57	4.341	4.330	4.366	PH	-127	-6433	-0.04%	-0.001%
58	4.391	4.366	4.418	PH	1646	12940	0.07%	0.001%
59	4.454	4.418	4.481	PH	4505	46149	0.26%	0.004%
60	4.489	4.481	4.505	HH	472	3581	0.02%	0.000%
61	4.520	4.505	4.577	PH	585	-2868	-0.02%	-0.000%
62	4.614	4.577	4.642	PH	347	-512	-0.00%	-0.000%
63	4.667	4.642	4.681	PH	167	1655	0.01%	0.000%
64	4.695	4.681	4.730	HH	623	7391	0.04%	0.001%
65	4.735	4.730	4.756	PH	-20	-2282	-0.01%	-0.000%
66	4.765	4.756	4.784	PH	-25	-2747	-0.02%	-0.000%
67	4.798	4.784	4.810	PH	-147	-3370	-0.02%	-0.000%
68	4.841	4.810	4.863	PH	214	-63	-0.00%	-0.000%
69	4.876	4.863	4.899	PH	335	1480	0.01%	0.000%
70	4.924	4.899	4.941	PH	759	8090	0.05%	0.001%
71	4.951	4.941	4.965	HH	319	2319	0.01%	0.000%
72	4.979	4.965	5.003	PH	222	1124	0.01%	0.000%
73	5.007	5.003	5.030	PH	4	-3095	-0.02%	-0.000%
74	5.047	5.030	5.067	PH	10	-3744	-0.02%	-0.000%
75	5.095	5.067	5.141	PH	1642	17897	0.10%	0.002%
76	5.155	5.141	5.203	PH	302	-3961	-0.02%	-0.000%
77	5.222	5.203	5.249	PH	-103	-8195	-0.05%	-0.001%
78	5.272	5.249	5.296	PH	1348	10778	0.06%	0.001%
79	5.305	5.296	5.328	HH	453	2720	0.02%	0.000%
80	5.343	5.328	5.360	PH	68	-321	-0.00%	-0.000%
81	5.383	5.360	5.439	PH	1172	14063	0.08%	0.001%
82	5.456	5.439	5.490	PH	401	914	0.01%	0.000%
83	5.504	5.490	5.509	PH	-164	-2839	-0.02%	-0.000%
84	5.549	5.509	5.561	PH	1993	29713	0.17%	0.003%
85	5.570	5.561	5.596	HH	1314	17877	0.10%	0.002%
86	5.603	5.596	5.626	HH	820	6695	0.04%	0.001%
87	5.641	5.626	5.667	PH	172	354	0.00%	0.000%
88	5.689	5.667	5.704	PH	525	5423	0.03%	0.000%
89	5.724	5.704	5.731	HH	765	9677	0.05%	0.001%

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90	5.740	5.731	5.758	HH	1134	13261	0.08%	0.001%
91	5.771	5.758	5.792	HH	638	9429	0.05%	0.001%
92	5.815	5.792	5.855	HH	111108	1173083	6.65%	0.108%
93	5.863	5.855	5.933	HH	5028	112911	0.64%	0.010%
94	5.969	5.933	6.018	HH	1943	55505	0.31%	0.005%
95	6.032	6.018	6.046	HH	754	9524	0.05%	0.001%
96	6.050	6.046	6.064	HH	610	5320	0.03%	0.000%
97	6.071	6.064	6.077	HH	465	3431	0.02%	0.000%
98	6.097	6.077	6.131	HH	2099	34116	0.19%	0.003%
99	6.141	6.131	6.162	HH	720	9625	0.05%	0.001%
100	6.174	6.162	6.197	HH	510	7964	0.05%	0.001%
101	6.204	6.197	6.231	HH	388	4814	0.03%	0.000%
102	6.259	6.231	6.278	PH	1984	36988	0.21%	0.003%
103	6.282	6.278	6.311	HH	1310	19402	0.11%	0.002%
104	6.326	6.311	6.346	HH	1128	17970	0.10%	0.002%
105	6.379	6.346	6.383	HH	932	15657	0.09%	0.001%
106	6.393	6.383	6.419	HH	1151	16425	0.09%	0.002%
107	6.424	6.419	6.444	HH	623	8126	0.05%	0.001%
108	6.466	6.444	6.489	HH	700	14093	0.08%	0.001%
109	6.499	6.489	6.504	HH	454	3602	0.02%	0.000%
110	6.523	6.504	6.543	HH	936	10951	0.06%	0.001%
111	6.587	6.543	6.612	HH	1019	26787	0.15%	0.002%
112	6.642	6.612	6.655	HH	1514	23488	0.13%	0.002%
113	6.681	6.655	6.712	HH	1454	34848	0.20%	0.003%
114	6.719	6.712	6.734	HH	628	7412	0.04%	0.001%
115	6.773	6.734	6.789	HH	2433	51917	0.29%	0.005%
116	6.802	6.789	6.832	HH	1840	31451	0.18%	0.003%
117	6.866	6.832	6.930	HH	45174	590175	3.34%	0.054%
118	6.945	6.930	6.977	HH	3209	71471	0.40%	0.007%
119	6.999	6.977	7.029	HH	41325	462884	2.62%	0.043%
120	7.041	7.029	7.111	HH	4012	108819	0.62%	0.010%
121	7.116	7.111	7.133	HH	1397	16976	0.10%	0.002%
122	7.168	7.133	7.209	HH	5257	97417	0.55%	0.009%
123	7.227	7.209	7.271	HH	1669	47334	0.27%	0.004%
124	7.274	7.271	7.286	HH	1107	9258	0.05%	0.001%
125	7.338	7.286	7.367	HH	1955	74003	0.42%	0.007%
126	7.381	7.367	7.450	HH	1505	57226	0.32%	0.005%
127	7.473	7.450	7.492	HH	1531	32547	0.18%	0.003%
128	7.505	7.492	7.519	HH	2002	28088	0.16%	0.003%
129	7.525	7.519	7.556	HH	1671	30589	0.17%	0.003%
130	7.591	7.556	7.672	HH	12877	291651	1.65%	0.027%
131	7.687	7.672	7.710	HH	2668	47911	0.27%	0.004%
132	7.744	7.710	7.773	HH	9728	175614	0.99%	0.016%
133	7.788	7.773	7.802	HH	3507	50282	0.28%	0.005%
134	7.813	7.802	7.820	HH	2860	29065	0.16%	0.003%
135	7.854	7.820	7.904	HH	14517	344763	1.95%	0.032%
136	7.957	7.904	7.972	HH	32647	463594	2.63%	0.043%
137	7.984	7.972	8.009	HH	20744	259560	1.47%	0.024%
138	8.033	8.009	8.066	HH	9292	179217	1.02%	0.017%
139	8.133	8.066	8.179	HH	14424	523938	2.97%	0.048%
140	8.182	8.179	8.211	HH	3628	59166	0.34%	0.005%
141	8.229	8.211	8.257	HH	10855	154415	0.87%	0.014%

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142	8.275	8.257	8.302	HH	3575	70540	0.40%	0.006%
143	8.314	8.302	8.319	HH	1904	18289	0.10%	0.002%
144	8.324	8.319	8.329	HH	1852	10145	0.06%	0.001%
145	8.352	8.329	8.365	HH	2318	44901	0.25%	0.004%
146	8.393	8.365	8.408	HH	8167	131299	0.74%	0.012%
147	8.432	8.408	8.465	HH	147878	1626623	9.22%	0.150%
148	8.483	8.465	8.527	HH	14937	284851	1.61%	0.026%
149	8.553	8.527	8.584	HH	7897	185811	1.05%	0.017%
150	8.597	8.584	8.612	HH	5113	75131	0.43%	0.007%
151	8.622	8.612	8.642	HH	4214	70062	0.40%	0.006%
152	8.673	8.642	8.687	HH	23251	306582	1.74%	0.028%
153	8.707	8.687	8.736	HH	92587	1106581	6.27%	0.102%
154	8.742	8.736	8.758	HH	8609	100360	0.57%	0.009%
155	8.771	8.758	8.785	HH	7547	109777	0.62%	0.010%
156	8.797	8.785	8.826	HH	7161	138468	0.78%	0.013%
157	8.845	8.826	8.869	HH	13509	228595	1.30%	0.021%
158	8.883	8.869	8.965	HH	13626	313304	1.78%	0.029%
159	8.998	8.965	9.015	HH	13644	200410	1.14%	0.018%
160	9.030	9.015	9.067	HH	12312	199474	1.13%	0.018%
161	9.082	9.067	9.096	HH	3971	60213	0.34%	0.006%
162	9.133	9.096	9.158	HH	14646	283052	1.60%	0.026%
163	9.175	9.158	9.187	HH	5206	74788	0.42%	0.007%
164	9.215	9.187	9.274	HH	170298	2114851	11.98%	0.195%
165	9.293	9.274	9.310	HH	18678	255383	1.45%	0.024%
166	9.335	9.310	9.346	HH	15629	240285	1.36%	0.022%
167	9.363	9.346	9.381	HH	34354	459655	2.60%	0.042%
168	9.392	9.381	9.407	HH	14379	183898	1.04%	0.017%
169	9.424	9.407	9.467	HH	22551	405343	2.30%	0.037%
170	9.481	9.467	9.497	HH	5996	101124	0.57%	0.009%
171	9.500	9.497	9.512	HH	5588	47851	0.27%	0.004%
172	9.537	9.512	9.576	HH	39951	631822	3.58%	0.058%
173	9.588	9.576	9.607	HH	10306	155915	0.88%	0.014%
174	9.637	9.607	9.680	HH	54137	888600	5.03%	0.082%
175	9.697	9.680	9.715	HH	12721	193653	1.10%	0.018%
176	9.728	9.715	9.757	HH	7916	156423	0.89%	0.014%
177	9.803	9.757	9.827	HH	8281	239892	1.36%	0.022%
178	9.833	9.827	9.877	HH	4689	122088	0.69%	0.011%
179	9.899	9.877	9.923	HH	6451	139670	0.79%	0.013%
180	9.956	9.923	9.973	HH	9045	187783	1.06%	0.017%
181	9.981	9.973	9.991	HH	5744	59989	0.34%	0.006%
182	10.009	9.991	10.041	HH	8924	212940	1.21%	0.020%
183	10.093	10.041	10.116	HH	40769	809481	4.59%	0.075%
184	10.133	10.116	10.176	HH	24396	450760	2.55%	0.042%
185	10.209	10.176	10.249	HH	32125	699871	3.97%	0.064%
186	10.270	10.249	10.314	HH	21960	521959	2.96%	0.048%
187	10.343	10.314	10.355	HH	12846	259938	1.47%	0.024%
188	10.382	10.355	10.392	HH	28934	451051	2.56%	0.042%
189	10.414	10.392	10.458	HH	63724	1272247	7.21%	0.117%
190	10.486	10.458	10.498	HH	13073	265565	1.50%	0.024%
191	10.518	10.498	10.536	HH	22045	355259	2.01%	0.033%
192	10.551	10.536	10.565	HH	13118	203588	1.15%	0.019%
193	10.583	10.565	10.588	HH	22338	247461	1.40%	0.023%
194	10.625	10.588	10.666	HH	1001459	12522330	70.95%	1.154%

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195	10.691	10.666	10.714	HH	343457	3779992	21.42%	0.348%
196	10.726	10.714	10.755	HH	29473	528783	3.00%	0.049%
197	10.765	10.755	10.778	HH	15085	193688	1.10%	0.018%
198	10.786	10.778	10.812	HH	13910	267861	1.52%	0.025%
199	10.824	10.812	10.843	HH	11903	204387	1.16%	0.019%
200	10.867	10.843	10.893	HH	24777	493863	2.80%	0.045%
201	10.917	10.893	10.948	HH	106572	1488448	8.43%	0.137%
202	10.958	10.948	10.990	HH	15551	361030	2.05%	0.033%
203	11.008	10.990	11.026	HH	18286	335808	1.90%	0.031%
204	11.039	11.026	11.054	HH	17925	271134	1.54%	0.025%
205	11.068	11.054	11.081	HH	16203	248409	1.41%	0.023%
206	11.143	11.081	11.175	HH	36341	1236205	7.00%	0.114%
207	11.210	11.175	11.236	HH	25185	632927	3.59%	0.058%
208	11.261	11.236	11.284	HH	25418	529281	3.00%	0.049%
209	11.305	11.284	11.325	HH	17098	361744	2.05%	0.033%
210	11.342	11.325	11.357	HH	16201	274943	1.56%	0.025%
211	11.372	11.357	11.382	HH	16883	238336	1.35%	0.022%
212	11.413	11.382	11.427	HH	109862	1475702	8.36%	0.136%
213	11.443	11.427	11.485	HH	136535	1936744	10.97%	0.178%
214	11.525	11.485	11.544	HH	157192	2652067	15.03%	0.244%
215	11.560	11.544	11.572	HH	72671	917849	5.20%	0.085%
216	11.589	11.572	11.635	HH	108356	1711555	9.70%	0.158%
217	11.657	11.635	11.674	HH	21965	430301	2.44%	0.040%
218	11.690	11.674	11.720	HH	25809	605180	3.43%	0.056%
219	11.734	11.720	11.745	HH	21679	307945	1.74%	0.028%
220	11.754	11.745	11.764	HH	22241	240711	1.36%	0.022%
221	11.784	11.764	11.833	HH	44415	1147349	6.50%	0.106%
222	11.849	11.833	11.863	HH	17169	296752	1.68%	0.027%
223	11.889	11.863	11.929	HH	85542	1564505	8.86%	0.144%
224	11.953	11.929	11.978	HH	22324	613066	3.47%	0.056%
225	12.001	11.978	12.019	HH	32734	627045	3.55%	0.058%
226	12.036	12.019	12.055	HH	34960	566975	3.21%	0.052%
227	12.089	12.055	12.102	HH	24021	638035	3.61%	0.059%
228	12.131	12.102	12.147	HH	36167	759105	4.30%	0.070%
229	12.156	12.147	12.180	HH	29392	503388	2.85%	0.046%
230	12.201	12.180	12.213	HH	42479	642795	3.64%	0.059%
231	12.220	12.213	12.242	HH	33894	481723	2.73%	0.044%
232	12.276	12.242	12.292	HH	42195	891341	5.05%	0.082%
233	12.312	12.292	12.332	HH	77662	1255437	7.11%	0.116%
234	12.353	12.332	12.363	HH	45005	783263	4.44%	0.072%
235	12.376	12.363	12.400	HH	47123	928725	5.26%	0.086%
236	12.443	12.400	12.481	HH	951336	13642088	77.29%	1.257%
237	12.500	12.481	12.514	HH	30688	524817	2.97%	0.048%
238	12.522	12.514	12.543	HH	27695	452551	2.56%	0.042%
239	12.563	12.543	12.574	HH	29971	522163	2.96%	0.048%
240	12.591	12.574	12.595	HH	42661	464668	2.63%	0.043%
241	12.611	12.595	12.632	HH	64582	1044754	5.92%	0.096%
242	12.650	12.632	12.696	HH	46128	1371575	7.77%	0.126%
243	12.736	12.696	12.761	HH	833120	10992117	62.28%	1.013%
244	12.781	12.761	12.796	HH	113570	1566605	8.88%	0.144%
245	12.813	12.796	12.847	HH	124284	2127037	12.05%	0.196%
246	12.859	12.847	12.873	HH	32742	489698	2.77%	0.045%

rteres								
247	12.897	12.873	12.913	HH	61382	1040344	5.89%	0.096%
248	12.932	12.913	12.961	HH	62022	1311385	7.43%	0.121%
249	12.993	12.961	13.036	HH	79922	1986748	11.26%	0.183%
250	13.055	13.036	13.066	HH	40941	650653	3.69%	0.060%
251	13.078	13.066	13.099	HH	44138	720447	4.08%	0.066%
252	13.120	13.099	13.141	HH	59057	1089861	6.17%	0.100%
253	13.150	13.141	13.158	HH	38691	401077	2.27%	0.037%
254	13.183	13.158	13.209	HH	88405	1765137	10.00%	0.163%
255	13.220	13.209	13.247	HH	34820	741614	4.20%	0.068%
256	13.315	13.247	13.364	HH	191540	4792289	27.15%	0.441%
257	13.379	13.364	13.394	HH	42445	700939	3.97%	0.065%
258	13.420	13.394	13.442	HH	153748	2478011	14.04%	0.228%
259	13.460	13.442	13.481	HH	107640	1692576	9.59%	0.156%
260	13.495	13.481	13.524	HH	53045	1188535	6.73%	0.109%
261	13.587	13.524	13.609	HH	100859	3232814	18.32%	0.298%
262	13.627	13.609	13.668	HH	91201	2022303	11.46%	0.186%
263	13.708	13.668	13.727	HH	45860	1487798	8.43%	0.137%
264	13.754	13.727	13.773	HH	43057	1143039	6.48%	0.105%
265	13.790	13.773	13.806	HH	42981	789896	4.48%	0.073%
266	13.817	13.806	13.830	HH	40697	591310	3.35%	0.054%
267	13.840	13.830	13.857	HH	40202	640802	3.63%	0.059%
268	13.898	13.857	13.938	HH	45396	1987087	11.26%	0.183%
269	13.952	13.938	13.963	HH	40570	597924	3.39%	0.055%
270	14.016	13.963	14.034	HH	67046	2335825	13.23%	0.215%
271	14.051	14.034	14.081	HH	69747	1615871	9.16%	0.149%
272	14.125	14.081	14.136	HH	64762	1754195	9.94%	0.162%
273	14.148	14.136	14.198	HH	64283	1991501	11.28%	0.183%
274	14.224	14.198	14.255	HH	99772	2332630	13.22%	0.215%
275	14.283	14.255	14.310	HH	149502	3074402	17.42%	0.283%
276	14.333	14.310	14.345	HH	77228	1420876	8.05%	0.131%
277	14.356	14.345	14.386	HH	76158	1567528	8.88%	0.144%
278	14.406	14.386	14.424	HH	55243	1207919	6.84%	0.111%
279	14.463	14.424	14.533	HH	121495	4432036	25.11%	0.408%
280	14.564	14.533	14.572	HH	68061	1362377	7.72%	0.126%
281	14.606	14.572	14.626	HH	421515	7101871	40.24%	0.654%
282	14.648	14.626	14.682	HH	453146	6789205	38.47%	0.625%
283	14.690	14.682	14.718	HH	57955	1208441	6.85%	0.111%
284	14.759	14.718	14.813	HH	129174	4247923	24.07%	0.391%
285	14.833	14.813	14.837	HH	62607	861047	4.88%	0.079%
286	14.854	14.837	14.883	HH	83715	1883311	10.67%	0.173%
287	14.912	14.883	14.928	HH	92608	2010024	11.39%	0.185%
288	14.938	14.928	14.993	HH	75964	2582846	14.63%	0.238%
289	15.043	14.993	15.076	HH	115197	3842149	21.77%	0.354%
290	15.081	15.076	15.118	HH	65038	1514263	8.58%	0.139%
291	15.146	15.118	15.151	HH	61967	1172044	6.64%	0.108%
292	15.183	15.151	15.202	HH	69957	1981522	11.23%	0.183%
293	15.225	15.202	15.243	HH	77992	1739644	9.86%	0.160%
294	15.270	15.243	15.291	HH	156212	3065644	17.37%	0.282%
295	15.308	15.291	15.339	HH	102934	2448999	13.88%	0.226%
296	15.354	15.339	15.372	HH	88523	1570774	8.90%	0.145%
297	15.429	15.372	15.478	HH	122000	5638394	31.95%	0.519%
298	15.502	15.478	15.532	HH	86137	2525148	14.31%	0.233%
299	15.547	15.532	15.570	HH	74020	1603869	9.09%	0.148%

rteres								
300	15.592	15.570	15.618	HH	83957	2106751	11.94%	0.194%
301	15.652	15.618	15.667	HH	82576	2218289	12.57%	0.204%
302	15.680	15.667	15.728	HH	85631	2816970	15.96%	0.260%
303	15.763	15.728	15.785	HH	75136	2468163	13.98%	0.227%
304	15.801	15.785	15.820	HH	75050	1551612	8.79%	0.143%
305	15.824	15.820	15.829	HH	74256	406776	2.30%	0.037%
306	15.836	15.829	15.843	HH	74604	632420	3.58%	0.058%
307	15.867	15.843	15.890	HH	92312	2378128	13.47%	0.219%
308	15.906	15.890	15.924	HH	85697	1638959	9.29%	0.151%
309	15.949	15.924	15.994	HH	98675	3734766	21.16%	0.344%
310	16.068	15.994	16.097	HH	106057	5666173	32.10%	0.522%
311	16.116	16.097	16.126	HH	92056	1548052	8.77%	0.143%
312	16.165	16.126	16.181	HH	430825	8198739	46.45%	0.755%
313	16.188	16.181	16.222	HH	257210	3955392	22.41%	0.364%
314	16.234	16.222	16.251	HH	96148	1636240	9.27%	0.151%
315	16.289	16.251	16.354	HH	175606	7406155	41.96%	0.682%
316	16.365	16.354	16.370	HH	101693	983556	5.57%	0.091%
317	16.376	16.370	16.389	HH	101074	1130686	6.41%	0.104%
318	16.411	16.389	16.416	HH	111099	1705261	9.66%	0.157%
319	16.446	16.416	16.450	HH	121230	2360921	13.38%	0.217%
320	16.484	16.450	16.512	HH	316718	7144410	40.48%	0.658%
321	16.547	16.512	16.582	HH	432777	8820114	49.97%	0.813%
322	16.595	16.582	16.609	HH	116722	1849705	10.48%	0.170%
323	16.639	16.609	16.670	HH	205103	5354861	30.34%	0.493%
324	16.692	16.670	16.721	HH	127875	3776805	21.40%	0.348%
325	16.726	16.721	16.728	HH	121045	561114	3.18%	0.052%
326	16.784	16.728	16.819	HH	138558	7078382	40.10%	0.652%
327	16.852	16.819	16.870	HH	143037	4128030	23.39%	0.380%
328	16.916	16.870	16.977	HH	163465	9531736	54.00%	0.878%
329	17.031	16.977	17.046	HH	160736	6071489	34.40%	0.559%
330	17.066	17.046	17.103	HH	152544	5037640	28.54%	0.464%
331	17.124	17.103	17.141	HH	153947	3357403	19.02%	0.309%
332	17.159	17.141	17.165	HH	150255	2100759	11.90%	0.194%
333	17.192	17.165	17.219	HH	168484	5122970	29.03%	0.472%
334	17.231	17.219	17.271	HH	153269	4666118	26.44%	0.430%
335	17.311	17.271	17.319	HH	151621	4279045	24.24%	0.394%
336	17.326	17.319	17.331	HH	151592	1073334	6.08%	0.099%
337	17.346	17.331	17.368	HH	155133	3367837	19.08%	0.310%
338	17.400	17.368	17.417	HH	157808	4530726	25.67%	0.417%
339	17.423	17.417	17.426	HH	153069	753703	4.27%	0.069%
340	17.480	17.426	17.485	HH	168693	5737311	32.51%	0.529%
341	17.500	17.485	17.517	HH	173876	3185457	18.05%	0.293%
342	17.535	17.517	17.557	HH	175673	4114167	23.31%	0.379%
343	17.577	17.557	17.589	HH	169644	3173035	17.98%	0.292%
344	17.639	17.589	17.655	HH	201757	7399355	41.92%	0.682%
345	17.684	17.655	17.707	HH	196223	6038280	34.21%	0.556%
346	17.710	17.707	17.741	HH	181274	3589686	20.34%	0.331%
347	17.748	17.741	17.764	HH	180799	2548424	14.44%	0.235%
348	17.780	17.764	17.792	HH	178775	2965201	16.80%	0.273%
349	17.819	17.792	17.857	HH	233128	7962211	45.11%	0.734%
350	17.871	17.857	17.887	HH	196909	3524827	19.97%	0.325%
351	17.917	17.887	17.941	HH	340665	8458107	47.92%	0.779%

rteres								
352	17.950	17.941	17.978	HH	225649	4812931	27.27%	0.443%
353	18.007	17.978	18.024	HH	241617	6035876	34.20%	0.556%
354	18.043	18.024	18.058	HH	234856	4485980	25.42%	0.413%
355	18.075	18.058	18.137	HH	229706	9962621	56.45%	0.918%
356	18.172	18.137	18.198	HH	358197	9522275	53.95%	0.877%
357	18.216	18.198	18.232	HH	209815	4155122	23.54%	0.383%
358	18.251	18.232	18.267	HH	215294	4497461	25.48%	0.414%
359	18.301	18.267	18.340	HH	269546	10007999	56.70%	0.922%
360	18.344	18.340	18.369	HH	208933	3665939	20.77%	0.338%
361	18.393	18.369	18.408	HH	216044	4915569	27.85%	0.453%
362	18.428	18.408	18.454	HH	222845	5958978	33.76%	0.549%
363	18.480	18.454	18.531	HH	236068	10198891	57.78%	0.940%
364	18.559	18.531	18.571	HH	222605	5360388	30.37%	0.494%
365	18.598	18.571	18.626	HH	242147	7553653	42.80%	0.696%
366	18.645	18.626	18.659	HH	230797	4506573	25.53%	0.415%
367	18.686	18.659	18.711	HH	254363	7546323	42.76%	0.695%
368	18.737	18.711	18.791	HH	252423	11719308	66.40%	1.080%
369	18.796	18.791	18.801	HH	238178	1422461	8.06%	0.131%
370	18.833	18.801	18.838	HH	250346	5390133	30.54%	0.497%
371	18.854	18.838	18.901	HH	253831	9417183	53.35%	0.868%
372	18.937	18.901	18.961	HH	254272	8936133	50.63%	0.823%
373	18.970	18.961	18.976	HH	250651	2207939	12.51%	0.203%
374	18.980	18.976	18.987	HH	250451	1650607	9.35%	0.152%
375	19.023	18.987	19.047	HH	255374	9167376	51.94%	0.845%
376	19.053	19.047	19.059	HH	253571	1819487	10.31%	0.168%
377	19.065	19.059	19.071	HH	252166	1706711	9.67%	0.157%
378	19.080	19.071	19.102	HH	252392	4683818	26.54%	0.431%
379	19.142	19.102	19.157	HH	266517	8577699	48.60%	0.790%
380	19.176	19.157	19.194	HH	272241	6051933	34.29%	0.558%
381	19.233	19.194	19.239	HH	276496	7347165	41.63%	0.677%
382	19.240	19.239	19.264	HH	276416	4178479	23.67%	0.385%
383	19.329	19.264	19.364	HH	329737	17634157	99.91%	1.625%
384	19.394	19.364	19.430	HH	339154	12492467	70.78%	1.151%
385	19.456	19.430	19.468	HH	317254	7084119	40.14%	0.653%
386	19.483	19.468	19.505	HH	317952	6945872	39.35%	0.640%
387	19.527	19.505	19.566	HH	314260	11280407	63.91%	1.039%
388	19.577	19.566	19.585	HH	304715	3424670	19.40%	0.315%
389	19.608	19.585	19.638	HH	315623	9986520	56.58%	0.920%
390	19.643	19.638	19.658	HH	305952	3655336	20.71%	0.337%
391	19.709	19.658	19.737	HH	378452	15900950	90.09%	1.465%
392	19.775	19.737	19.794	HH	346110	11499188	65.15%	1.059%
393	19.808	19.794	19.822	HH	344437	5808192	32.91%	0.535%
394	19.847	19.822	19.852	HH	349061	6279468	35.58%	0.578%
395	19.857	19.852	19.863	HH	349062	2163108	12.26%	0.199%
396	19.867	19.863	19.881	HH	346520	3781869	21.43%	0.348%
397	19.885	19.881	19.891	HH	342678	2046219	11.59%	0.189%
398	19.918	19.891	19.941	HH	350070	10317530	58.46%	0.950%
399	19.973	19.941	20.004	HH	360923	13511978	76.55%	1.245%
400	20.021	20.004	20.069	HH	367891	14105112	79.92%	1.299%
401	20.094	20.069	20.107	HH	357961	8151439	46.18%	0.751%
402	20.124	20.107	20.132	HH	360633	5355277	30.34%	0.493%
403	20.135	20.132	20.141	HH	359204	1785345	10.12%	0.164%
404	20.208	20.141	20.213	HH	383792	15897703	90.07%	1.465%

rteres								
405	20.229	20.213	20.241	HH	388073	6594949	37.37%	0.608%
406	20.282	20.241	20.300	HH	393682	13808559	78.24%	1.272%
407	20.305	20.300	20.325	HH	391945	5703514	32.31%	0.525%
408	20.342	20.325	20.351	HH	394695	6163180	34.92%	0.568%
409	20.368	20.351	20.384	HH	395066	7847078	44.46%	0.723%
410	20.414	20.384	20.422	HH	399598	9103240	51.58%	0.839%
411	20.432	20.422	20.437	HH	400048	3488409	19.76%	0.321%
412	20.444	20.437	20.483	HH	402057	11088567	62.82%	1.022%
413	20.501	20.483	20.541	HH	400870	13530235	76.66%	1.246%
414	20.559	20.541	20.567	HH	391209	6216379	35.22%	0.573%
415	20.576	20.567	20.587	HH	393337	4621184	26.18%	0.426%
416	20.603	20.587	20.611	HH	393020	5549558	31.44%	0.511%
417	20.616	20.611	20.620	HH	389374	2148484	12.17%	0.198%
418	20.634	20.620	20.658	HH	393608	8954078	50.73%	0.825%
419	20.670	20.658	20.674	HH	386961	3641069	20.63%	0.335%
420	20.703	20.674	20.717	HH	397247	10095293	57.20%	0.930%
421	20.723	20.717	20.727	HH	395897	2522246	14.29%	0.232%
422	20.731	20.727	20.762	HH	398072	8290486	46.97%	0.764%
423	20.772	20.762	20.826	HH	393437	14837966	84.07%	1.367%
424	20.836	20.826	20.854	HH	379069	6241396	35.36%	0.575%
425	20.859	20.854	20.869	HH	375126	3256761	18.45%	0.300%
426	20.877	20.869	20.907	HH	373677	8569845	48.55%	0.789%
427	20.919	20.907	20.926	HH	372497	4243145	24.04%	0.391%
428	20.967	20.926	20.984	HH	381112	13135765	74.42%	1.210%
429	20.989	20.984	21.002	HH	375895	3917013	22.19%	0.361%
430	21.038	21.002	21.042	HH	384795	9210524	52.18%	0.849%
431	21.061	21.042	21.075	HH	388786	7499497	42.49%	0.691%
432	21.077	21.075	21.093	HH	388192	4340356	24.59%	0.400%
433	21.100	21.093	21.115	HH	385757	4902399	27.78%	0.452%
434	21.119	21.115	21.194	HH	381913	17650054	100.00%	1.626%
435	21.207	21.194	21.224	HH	363869	6461032	36.61%	0.595%
436	21.260	21.224	21.266	HH	371940	9317500	52.79%	0.858%
437	21.270	21.266	21.302	HH	370959	7925083	44.90%	0.730%
438	21.308	21.302	21.311	HH	365226	1857750	10.53%	0.171%
439	21.324	21.311	21.330	HH	368560	4274365	24.22%	0.394%
440	21.342	21.330	21.366	HH	369921	7928658	44.92%	0.730%
441	21.371	21.366	21.375	HH	362143	1919443	10.87%	0.177%
442	21.396	21.375	21.434	HH	364915	12847040	72.79%	1.184%
443	21.452	21.434	21.461	HH	358772	5731573	32.47%	0.528%
444	21.467	21.461	21.478	HH	358317	3617201	20.49%	0.333%
445	21.489	21.478	21.501	HHA	356854	5091375	28.85%	0.469%

Sum of corrected areas: 1085497621

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