

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE033018\
Data File : FE026494.D
Signal(s) : FID1B.CH
Acq On : 30 Mar 2018 11:13
Sample : J2086-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE032318.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.901	2.755	2.920	BH	96	-8951	-0.08%	-0.001%
2	2.932	2.920	2.941	PH	60	-469	-0.00%	-0.000%
3	2.976	2.941	2.999	PH	185	1600	0.01%	0.000%
4	3.052	2.999	3.078	PH	184	4496	0.04%	0.001%
5	3.094	3.078	3.124	HH	593	7226	0.07%	0.001%
6	3.138	3.124	3.152	HH	218	3069	0.03%	0.001%
7	3.166	3.152	3.199	HH	295	5273	0.05%	0.001%
8	3.215	3.199	3.228	HH	293	4119	0.04%	0.001%
9	3.281	3.228	3.296	HH	338	9430	0.09%	0.002%
10	3.309	3.296	3.318	HH	233	2631	0.02%	0.000%
11	3.336	3.318	3.345	HH	296	3499	0.03%	0.001%
12	3.380	3.345	3.387	HH	403	6947	0.06%	0.001%
13	3.398	3.387	3.449	HH	490	12984	0.12%	0.002%
14	3.497	3.449	3.514	HH	528	13532	0.12%	0.002%
15	3.569	3.514	3.618	HH	627	30396	0.28%	0.005%
16	3.668	3.618	3.692	HH	703	23139	0.21%	0.004%
17	3.702	3.692	3.712	HH	586	6018	0.05%	0.001%
18	3.735	3.712	3.761	HH	605	15928	0.14%	0.003%
19	3.779	3.761	3.825	HH	1079	27708	0.25%	0.005%
20	3.856	3.825	3.865	HH	699	14925	0.14%	0.002%
21	3.895	3.865	3.908	HH	780	18694	0.17%	0.003%
22	3.916	3.908	3.944	HH	897	16098	0.15%	0.003%
23	4.025	3.944	4.035	HH	838	40175	0.36%	0.007%
24	4.068	4.035	4.094	HH	957	29794	0.27%	0.005%
25	4.125	4.094	4.145	HH	1071	25926	0.23%	0.004%
26	4.191	4.145	4.254	HH	1180	64979	0.59%	0.011%
27	4.272	4.254	4.286	HH	1124	20085	0.18%	0.003%
28	4.301	4.286	4.332	HH	1039	27670	0.25%	0.005%
29	4.358	4.332	4.376	HH	1264	28471	0.26%	0.005%
30	4.402	4.376	4.432	HH	1210	37845	0.34%	0.006%
31	4.543	4.432	4.584	HH	4765	160151	1.45%	0.026%
32	4.599	4.584	4.616	HH	1894	32237	0.29%	0.005%
33	4.659	4.616	4.702	HH	1540	75113	0.68%	0.012%
34	4.753	4.702	4.768	HH	1611	59806	0.54%	0.010%
35	4.777	4.768	4.828	HH	1705	56536	0.51%	0.009%
36	4.854	4.828	4.865	HH	1642	35673	0.32%	0.006%

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37	4.873	4.865	4.878	HH	1656	12373	0.11%	0.002%
38	4.886	4.878	4.918	HH	1706	40199	0.36%	0.007%
39	4.981	4.918	4.993	HH	1848	78086	0.71%	0.013%
40	5.000	4.993	5.033	HH	1787	42855	0.39%	0.007%
41	5.059	5.033	5.114	HH	1977	89172	0.81%	0.015%
42	5.128	5.114	5.143	HH	1941	32079	0.29%	0.005%
43	5.151	5.143	5.184	HH	1936	45421	0.41%	0.008%
44	5.202	5.184	5.235	HH	2012	57214	0.52%	0.009%
45	5.277	5.235	5.292	HH	2045	65993	0.60%	0.011%
46	5.303	5.292	5.316	HH	2034	27472	0.25%	0.005%
47	5.326	5.316	5.334	HH	2060	21616	0.20%	0.004%
48	5.344	5.334	5.365	HH	2117	37255	0.34%	0.006%
49	5.378	5.365	5.391	HH	2038	30710	0.28%	0.005%
50	5.409	5.391	5.444	HH	2141	66035	0.60%	0.011%
51	5.458	5.444	5.478	HH	2191	43138	0.39%	0.007%
52	5.482	5.478	5.502	HH	2223	29683	0.27%	0.005%
53	5.519	5.502	5.572	HH	2262	89576	0.81%	0.015%
54	5.588	5.572	5.599	HH	2341	36225	0.33%	0.006%
55	5.606	5.599	5.616	HH	2228	22366	0.20%	0.004%
56	5.626	5.616	5.632	HH	2254	20056	0.18%	0.003%
57	5.678	5.632	5.694	HH	2325	83847	0.76%	0.014%
58	5.708	5.694	5.721	HH	2363	36730	0.33%	0.006%
59	5.731	5.721	5.742	HH	2362	28285	0.26%	0.005%
60	5.750	5.742	5.768	HH	2361	35684	0.32%	0.006%
61	5.794	5.768	5.819	HH	2346	70673	0.64%	0.012%
62	5.853	5.819	5.912	HH	2730	137985	1.25%	0.023%
63	5.930	5.912	5.946	HH	2652	52548	0.48%	0.009%
64	5.956	5.946	5.973	HH	2555	41367	0.37%	0.007%
65	5.981	5.973	6.006	HH	2600	48060	0.44%	0.008%
66	6.025	6.006	6.035	HH	2601	44378	0.40%	0.007%
67	6.047	6.035	6.061	HH	2545	39322	0.36%	0.006%
68	6.086	6.061	6.113	HH	2722	81273	0.74%	0.013%
69	6.121	6.113	6.129	HH	2609	24936	0.23%	0.004%
70	6.136	6.129	6.151	HH	2722	35595	0.32%	0.006%
71	6.179	6.151	6.202	HH	2839	81961	0.74%	0.014%
72	6.252	6.202	6.302	HH	2972	167580	1.52%	0.028%
73	6.325	6.302	6.336	HH	2985	58430	0.53%	0.010%
74	6.345	6.336	6.371	HH	2946	61421	0.56%	0.010%
75	6.383	6.371	6.412	HH	3013	71665	0.65%	0.012%
76	6.446	6.412	6.492	HH	3095	143910	1.30%	0.024%
77	6.509	6.492	6.530	HH	3075	68737	0.62%	0.011%
78	6.596	6.530	6.605	HH	3424	145299	1.32%	0.024%
79	6.622	6.605	6.638	HH	4067	71308	0.65%	0.012%
80	6.670	6.638	6.683	HH	3568	92334	0.84%	0.015%
81	6.721	6.683	6.761	HH	4134	169509	1.53%	0.028%
82	6.809	6.761	6.842	HH	3880	174947	1.58%	0.029%
83	6.869	6.842	6.879	HH	3923	83348	0.75%	0.014%
84	6.888	6.879	6.908	HH	3880	66241	0.60%	0.011%
85	6.914	6.908	6.935	HH	3726	57907	0.52%	0.010%
86	6.986	6.935	7.005	HH	4057	158249	1.43%	0.026%
87	7.026	7.005	7.056	HH	4176	121329	1.10%	0.020%
88	7.071	7.056	7.084	HH	3970	62728	0.57%	0.010%
89	7.118	7.084	7.143	HH	4181	139194	1.26%	0.023%

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90	7.169	7.143	7.182	HH	4268	95134	0.86%	0.016%
91	7.192	7.182	7.204	HH	4152	54226	0.49%	0.009%
92	7.230	7.204	7.249	HH	4366	113493	1.03%	0.019%
93	7.260	7.249	7.282	HH	4316	81597	0.74%	0.013%
94	7.297	7.282	7.307	HH	4352	63265	0.57%	0.010%
95	7.325	7.307	7.342	HH	4964	96465	0.87%	0.016%
96	7.395	7.342	7.411	HH	5007	184064	1.67%	0.030%
97	7.432	7.411	7.441	HH	4645	83072	0.75%	0.014%
98	7.458	7.441	7.486	HH	5151	128728	1.17%	0.021%
99	7.505	7.486	7.516	HH	4979	84512	0.76%	0.014%
100	7.532	7.516	7.544	HH	5178	83865	0.76%	0.014%
101	7.568	7.544	7.585	HH	5589	130773	1.18%	0.022%
102	7.632	7.585	7.665	HH	5624	258850	2.34%	0.043%
103	7.688	7.665	7.704	HH	6461	134260	1.22%	0.022%
104	7.729	7.704	7.746	HH	6241	146590	1.33%	0.024%
105	7.789	7.746	7.818	HH	6154	260156	2.35%	0.043%
106	7.826	7.818	7.847	HH	6178	103920	0.94%	0.017%
107	7.867	7.847	7.883	HH	6768	135308	1.22%	0.022%
108	7.903	7.883	7.919	HH	6972	137433	1.24%	0.023%
109	7.964	7.919	8.005	HH	8496	363173	3.29%	0.060%
110	8.020	8.005	8.054	HH	7622	210578	1.91%	0.035%
111	8.071	8.054	8.098	HH	7409	191979	1.74%	0.032%
112	8.120	8.098	8.137	HH	7660	172168	1.56%	0.028%
113	8.180	8.137	8.218	HH	9898	407006	3.68%	0.067%
114	8.230	8.218	8.239	HH	7600	93678	0.85%	0.015%
115	8.259	8.239	8.271	HH	9351	159554	1.44%	0.026%
116	8.291	8.271	8.324	HH	12357	322163	2.92%	0.053%
117	8.354	8.324	8.370	HH	9989	257370	2.33%	0.043%
118	8.386	8.370	8.401	HH	10321	182888	1.66%	0.030%
119	8.425	8.401	8.465	HH	12208	440264	3.99%	0.073%
120	8.478	8.465	8.488	HH	11400	153791	1.39%	0.025%
121	8.497	8.488	8.515	HH	11448	173053	1.57%	0.029%
122	8.574	8.515	8.587	HH	13451	502175	4.55%	0.083%
123	8.610	8.587	8.632	HH	17755	391661	3.55%	0.065%
124	8.675	8.632	8.692	HH	15450	496103	4.49%	0.082%
125	8.757	8.692	8.782	HH	16663	794873	7.19%	0.131%
126	8.795	8.782	8.815	HH	15960	301717	2.73%	0.050%
127	8.851	8.815	8.863	HH	18551	484560	4.39%	0.080%
128	8.876	8.863	8.891	HH	18185	296233	2.68%	0.049%
129	8.908	8.891	8.923	HH	23882	387098	3.50%	0.064%
130	8.931	8.923	8.945	HH	18356	238739	2.16%	0.039%
131	8.963	8.945	8.983	HH	20321	423442	3.83%	0.070%
132	9.041	8.983	9.065	HH	49457	1271265	11.51%	0.210%
133	9.087	9.065	9.112	HH	25028	637853	5.77%	0.105%
134	9.138	9.112	9.191	HH	26535	1113705	10.08%	0.184%
135	9.218	9.191	9.235	HH	26830	637902	5.77%	0.105%
136	9.273	9.235	9.293	HH	36455	1018215	9.22%	0.168%
137	9.304	9.293	9.318	HH	30410	437980	3.96%	0.072%
138	9.340	9.318	9.358	HH	61779	1020121	9.23%	0.168%
139	9.376	9.358	9.387	HH	41085	652360	5.90%	0.108%
140	9.404	9.387	9.427	HH	47301	937292	8.48%	0.155%
141	9.440	9.427	9.453	HH	32205	491354	4.45%	0.081%

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142	9.483	9.453	9.499	HH	40337	925171	8.37%	0.153%
143	9.516	9.499	9.539	HH	44099	907076	8.21%	0.150%
144	9.557	9.539	9.580	HH	41377	929354	8.41%	0.153%
145	9.603	9.580	9.617	HH	50183	915307	8.28%	0.151%
146	9.625	9.617	9.644	HH	44958	678247	6.14%	0.112%
147	9.661	9.644	9.678	HH	46831	840158	7.60%	0.139%
148	9.693	9.678	9.715	HH	39459	849670	7.69%	0.140%
149	9.741	9.715	9.753	HH	47652	954850	8.64%	0.158%
150	9.766	9.753	9.781	HH	49438	785464	7.11%	0.130%
151	9.794	9.781	9.809	HH	46155	718211	6.50%	0.119%
152	9.823	9.809	9.834	HH	43532	637052	5.77%	0.105%
153	9.858	9.834	9.882	HH	47571	1260514	11.41%	0.208%
154	9.929	9.882	9.968	HH	53099	2518557	22.80%	0.416%
155	9.989	9.968	9.998	HH	53793	914817	8.28%	0.151%
156	10.023	9.998	10.042	HH	66232	1564401	14.16%	0.258%
157	10.052	10.042	10.063	HH	57208	679921	6.15%	0.112%
158	10.079	10.063	10.088	HH	67198	923562	8.36%	0.153%
159	10.107	10.088	10.130	HH	106706	1928210	17.45%	0.318%
160	10.187	10.130	10.202	HH	70634	2724273	24.66%	0.450%
161	10.215	10.202	10.234	HH	72403	1232514	11.16%	0.204%
162	10.261	10.234	10.274	HH	62685	1449983	13.12%	0.239%
163	10.308	10.274	10.341	HH	74572	2728397	24.70%	0.451%
164	10.396	10.341	10.410	HH	73354	2867329	25.95%	0.473%
165	10.446	10.410	10.471	HH	75582	2648590	23.97%	0.437%
166	10.499	10.471	10.513	HH	77156	1852682	16.77%	0.306%
167	10.528	10.513	10.544	HH	76460	1395562	12.63%	0.230%
168	10.556	10.544	10.562	HH	74586	795551	7.20%	0.131%
169	10.590	10.562	10.615	HH	81329	2465537	22.32%	0.407%
170	10.671	10.615	10.692	HH	86824	3742541	33.88%	0.618%
171	10.725	10.692	10.738	HH	93218	2437850	22.07%	0.403%
172	10.753	10.738	10.770	HH	95509	1788192	16.19%	0.295%
173	10.848	10.770	10.873	HH	107214	6029057	54.57%	0.996%
174	10.889	10.873	10.897	HH	101687	1454832	13.17%	0.240%
175	10.926	10.897	10.938	HH	107764	2600906	23.54%	0.430%
176	10.986	10.938	10.997	HH	112859	3751128	33.95%	0.619%
177	11.021	10.997	11.036	HH	115141	2703466	24.47%	0.446%
178	11.046	11.036	11.064	HH	110866	1794019	16.24%	0.296%
179	11.142	11.064	11.162	HH	122426	6890146	62.37%	1.138%
180	11.202	11.162	11.220	HH	125514	4236352	38.35%	0.700%
181	11.271	11.220	11.312	HH	166375	7549178	68.33%	1.247%
182	11.326	11.312	11.351	HH	138818	3151956	28.53%	0.521%
183	11.364	11.351	11.388	HH	138781	3054497	27.65%	0.504%
184	11.412	11.388	11.437	HH	143668	3955686	35.80%	0.653%
185	11.470	11.437	11.492	HH	151399	4774560	43.22%	0.788%
186	11.506	11.492	11.549	HH	162759	5109919	46.25%	0.844%
187	11.581	11.549	11.602	HH	155316	4720251	42.73%	0.779%
188	11.669	11.602	11.685	HH	156945	7574746	68.56%	1.251%
189	11.704	11.685	11.737	HH	160222	4876164	44.14%	0.805%
190	11.775	11.737	11.852	HH	167814	11047907	100.00%	1.824%
191	11.866	11.852	11.925	HH	173273	7289399	65.98%	1.204%
192	11.937	11.925	11.955	HH	169848	2948002	26.68%	0.487%
193	11.999	11.955	12.018	HH	184740	6349671	57.47%	1.049%
194	12.034	12.018	12.056	HH	173071	3782323	34.24%	0.625%

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195	12.069	12.056	12.085	HH	167257	2817108	25.50%	0.465%
196	12.110	12.085	12.134	HH	166528	4772610	43.20%	0.788%
197	12.173	12.134	12.185	HH	172519	5049753	45.71%	0.834%
198	12.196	12.185	12.222	HH	171383	3673268	33.25%	0.607%
199	12.231	12.222	12.288	HH	170526	6590575	59.65%	1.088%
200	12.314	12.288	12.333	HH	178642	4475834	40.51%	0.739%
201	12.353	12.333	12.374	HH	171037	4063650	36.78%	0.671%
202	12.418	12.374	12.441	HH	178232	6926451	62.69%	1.144%
203	12.473	12.441	12.489	HH	181656	4902292	44.37%	0.810%
204	12.500	12.489	12.520	HH	173051	3127256	28.31%	0.516%
205	12.561	12.520	12.570	HH	170924	4894371	44.30%	0.808%
206	12.588	12.570	12.622	HH	187283	5299297	47.97%	0.875%
207	12.633	12.622	12.658	HH	166065	3368544	30.49%	0.556%
208	12.696	12.658	12.721	HH	161220	5923261	53.61%	0.978%
209	12.734	12.721	12.762	HH	158252	3800137	34.40%	0.628%
210	12.775	12.762	12.835	HH	158231	6645773	60.15%	1.097%
211	12.874	12.835	12.893	HH	159760	5262889	47.64%	0.869%
212	12.918	12.893	12.968	HH	159738	6764776	61.23%	1.117%
213	12.977	12.968	12.988	HH	141982	1684648	15.25%	0.278%
214	13.011	12.988	13.032	HH	147082	3682498	33.33%	0.608%
215	13.045	13.032	13.090	HH	141595	4853803	43.93%	0.802%
216	13.107	13.090	13.127	HH	141967	3016117	27.30%	0.498%
217	13.146	13.127	13.182	HH	135079	4319559	39.10%	0.713%
218	13.228	13.182	13.253	HH	137039	5501674	49.80%	0.909%
219	13.281	13.253	13.294	HH	124822	3050044	27.61%	0.504%
220	13.315	13.294	13.326	HH	128876	2332018	21.11%	0.385%
221	13.349	13.326	13.379	HH	144076	4155622	37.61%	0.686%
222	13.399	13.379	13.434	HH	120660	3783098	34.24%	0.625%
223	13.454	13.434	13.538	HH	112459	6738263	60.99%	1.113%
224	13.553	13.538	13.628	HH	107882	5595137	50.64%	0.924%
225	13.656	13.628	13.678	HH	117726	3165167	28.65%	0.523%
226	13.689	13.678	13.713	HH	100390	2020179	18.29%	0.334%
227	13.731	13.713	13.758	HH	100160	2630562	23.81%	0.434%
228	13.770	13.758	13.797	HH	91984	2113070	19.13%	0.349%
229	13.807	13.797	13.825	HH	89383	1461017	13.22%	0.241%
230	13.838	13.825	13.861	HH	87211	1852275	16.77%	0.306%
231	13.884	13.861	13.935	HH	95234	3810869	34.49%	0.629%
232	13.952	13.935	13.996	HH	83798	2931775	26.54%	0.484%
233	14.011	13.996	14.051	HH	79033	2542460	23.01%	0.420%
234	14.068	14.051	14.089	HH	77824	1718893	15.56%	0.284%
235	14.108	14.089	14.161	HH	76032	3079277	27.87%	0.508%
236	14.175	14.161	14.224	HH	70955	2581501	23.37%	0.426%
237	14.239	14.224	14.260	HH	68305	1428115	12.93%	0.236%
238	14.283	14.260	14.308	HH	64703	1789216	16.20%	0.295%
239	14.332	14.308	14.460	HH	62697	5337318	48.31%	0.881%
240	14.475	14.460	14.486	HH	54294	828692	7.50%	0.137%
241	14.497	14.486	14.515	HH	54627	934003	8.45%	0.154%
242	14.524	14.515	14.536	HH	53482	662803	6.00%	0.109%
243	14.542	14.536	14.553	HH	52374	519699	4.70%	0.086%
244	14.566	14.553	14.605	HH	51933	1582381	14.32%	0.261%
245	14.617	14.605	14.693	HH	49422	2509945	22.72%	0.414%
246	14.702	14.693	14.795	HH	46317	2711583	24.54%	0.448%

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247	14.802	14.795	14.819	HH	42157	596253	5.40%	0.098%
248	14.829	14.819	14.883	HH	41569	1543605	13.97%	0.255%
249	14.903	14.883	14.936	HH	39635	1237378	11.20%	0.204%
250	14.948	14.936	14.965	HH	38612	654358	5.92%	0.108%
251	14.978	14.965	15.055	HH	38128	1967837	17.81%	0.325%
252	15.076	15.055	15.108	HH	35366	1110232	10.05%	0.183%
253	15.125	15.108	15.135	HH	34214	544566	4.93%	0.090%
254	15.146	15.135	15.207	HH	34615	1425401	12.90%	0.235%
255	15.228	15.207	15.256	HH	32989	940141	8.51%	0.155%
256	15.278	15.256	15.295	HH	31441	720986	6.53%	0.119%
257	15.327	15.295	15.362	HH	56510	1500628	13.58%	0.248%
258	15.370	15.362	15.380	HH	29018	314326	2.85%	0.052%
259	15.391	15.380	15.475	HH	28938	1594425	14.43%	0.263%
260	15.485	15.475	15.508	HH	27508	542536	4.91%	0.090%
261	15.538	15.508	15.561	HH	36607	948022	8.58%	0.157%
262	15.582	15.561	15.611	HH	35122	877549	7.94%	0.145%
263	15.623	15.611	15.663	HH	25683	800615	7.25%	0.132%
264	15.710	15.663	15.755	HH	26497	1383145	12.52%	0.228%
265	15.771	15.755	15.813	HH	24922	849946	7.69%	0.140%
266	15.835	15.813	15.874	HH	24464	861574	7.80%	0.142%
267	15.888	15.874	15.928	HH	23807	767058	6.94%	0.127%
268	15.939	15.928	15.959	HH	23307	427596	3.87%	0.071%
269	16.021	15.959	16.044	HH	24254	1197955	10.84%	0.198%
270	16.056	16.044	16.072	HH	23855	396389	3.59%	0.065%
271	16.088	16.072	16.151	HH	23873	1085549	9.83%	0.179%
272	16.173	16.151	16.193	HH	23227	570748	5.17%	0.094%
273	16.214	16.193	16.238	HH	23604	615237	5.57%	0.102%
274	16.253	16.238	16.291	HH	22422	691888	6.26%	0.114%
275	16.304	16.291	16.319	HH	22003	371912	3.37%	0.061%
276	16.329	16.319	16.342	HH	21761	293679	2.66%	0.048%
277	16.381	16.342	16.412	HH	22578	921978	8.35%	0.152%
278	16.448	16.412	16.492	HH	21660	1030008	9.32%	0.170%
279	16.564	16.492	16.618	HH	21932	1624940	14.71%	0.268%
280	16.631	16.618	16.670	HH	21526	664814	6.02%	0.110%
281	16.691	16.670	16.735	HH	21774	834252	7.55%	0.138%
282	16.744	16.735	16.753	HH	21213	224819	2.03%	0.037%
283	16.758	16.753	16.778	HH	21176	320316	2.90%	0.053%
284	16.811	16.778	16.821	HH	21489	545279	4.94%	0.090%
285	16.833	16.821	16.867	HH	21564	590226	5.34%	0.097%
286	16.894	16.867	16.937	HH	22020	896375	8.11%	0.148%
287	17.043	16.937	17.068	HH	22665	1718136	15.55%	0.284%
288	17.113	17.068	17.131	HH	30768	938034	8.49%	0.155%
289	17.141	17.131	17.180	HH	25737	677132	6.13%	0.112%
290	17.194	17.180	17.215	HH	22049	458014	4.15%	0.076%
291	17.246	17.215	17.265	HH	23962	686223	6.21%	0.113%
292	17.278	17.265	17.321	HH	22751	735771	6.66%	0.122%
293	17.345	17.321	17.358	HH	22163	500394	4.53%	0.083%
294	17.398	17.358	17.415	HH	23632	775812	7.02%	0.128%
295	17.442	17.415	17.472	HH	27777	827571	7.49%	0.137%
296	17.500	17.472	17.544	HH	30410	1078217	9.76%	0.178%
297	17.602	17.544	17.625	HH	25990	1150137	10.41%	0.190%
298	17.643	17.625	17.683	HH	23439	805199	7.29%	0.133%
299	17.704	17.683	17.715	HH	23357	450629	4.08%	0.074%

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300	17.747	17.715	17.778	HH	23897	887483	8.03%	0.147%
301	17.802	17.778	17.822	HH	24125	629004	5.69%	0.104%
302	17.856	17.822	17.885	HH	24780	922088	8.35%	0.152%
303	17.898	17.885	17.928	HH	24509	630852	5.71%	0.104%
304	17.969	17.928	17.991	HH	27287	946193	8.56%	0.156%
305	18.006	17.991	18.038	HH	25017	696446	6.30%	0.115%
306	18.059	18.038	18.077	HH	25630	585884	5.30%	0.097%
307	18.095	18.077	18.129	HH	25321	786703	7.12%	0.130%
308	18.166	18.129	18.184	HH	25785	829707	7.51%	0.137%
309	18.204	18.184	18.222	HH	25582	576217	5.22%	0.095%
310	18.296	18.222	18.312	HH	25473	1363575	12.34%	0.225%
311	18.372	18.312	18.387	HH	26403	1178165	10.66%	0.195%
312	18.408	18.387	18.430	HH	29067	704532	6.38%	0.116%
313	18.468	18.430	18.485	HH	27283	880314	7.97%	0.145%
314	18.503	18.485	18.532	HH	27236	745314	6.75%	0.123%
315	18.556	18.532	18.572	HH	26647	637925	5.77%	0.105%
316	18.597	18.572	18.616	HH	27125	707048	6.40%	0.117%
317	18.639	18.616	18.651	HH	28341	584539	5.29%	0.097%
318	18.670	18.651	18.693	HH	28792	709714	6.42%	0.117%
319	18.716	18.693	18.744	HH	27607	832867	7.54%	0.138%
320	18.789	18.744	18.805	HH	29436	1032376	9.34%	0.170%
321	18.833	18.805	18.862	HH	33183	1034102	9.36%	0.171%
322	18.882	18.862	18.905	HH	33675	800658	7.25%	0.132%
323	18.922	18.905	18.945	HH	29851	702609	6.36%	0.116%
324	18.964	18.945	18.991	HH	29777	812021	7.35%	0.134%
325	19.011	18.991	19.028	HH	31127	685524	6.21%	0.113%
326	19.044	19.028	19.079	HH	30795	917396	8.30%	0.151%
327	19.096	19.079	19.113	HH	29787	591299	5.35%	0.098%
328	19.141	19.113	19.165	HH	34549	991379	8.97%	0.164%
329	19.179	19.165	19.197	HH	30505	578803	5.24%	0.096%
330	19.244	19.197	19.266	HH	35950	1326148	12.00%	0.219%
331	19.275	19.266	19.299	HH	32192	630355	5.71%	0.104%
332	19.350	19.299	19.411	HH	31787	2088187	18.90%	0.345%
333	19.436	19.411	19.455	HH	32008	843948	7.64%	0.139%
334	19.478	19.455	19.513	HH	32134	1106559	10.02%	0.183%
335	19.575	19.513	19.605	HH	32708	1783438	16.14%	0.295%
336	19.645	19.605	19.679	HH	36053	1502571	13.60%	0.248%
337	19.765	19.679	19.775	HH	34201	1937447	17.54%	0.320%
338	19.796	19.775	19.817	HH	35135	875372	7.92%	0.145%
339	19.857	19.817	19.872	HH	34737	1137608	10.30%	0.188%
340	19.902	19.872	19.917	HH	34946	929470	8.41%	0.153%
341	19.942	19.917	19.958	HH	35311	876203	7.93%	0.145%
342	20.031	19.958	20.068	HH	38535	2372212	21.47%	0.392%
343	20.160	20.068	20.185	HH	38208	2594717	23.49%	0.428%
344	20.233	20.185	20.248	HH	38291	1437538	13.01%	0.237%
345	20.303	20.248	20.339	HH	40721	2132285	19.30%	0.352%
346	20.369	20.339	20.390	HH	40462	1230503	11.14%	0.203%
347	20.410	20.390	20.435	HH	41456	1084470	9.82%	0.179%
348	20.465	20.435	20.478	HH	40553	1058345	9.58%	0.175%
349	20.488	20.478	20.514	HH	40422	861024	7.79%	0.142%
350	20.539	20.514	20.562	HH	40292	1158538	10.49%	0.191%
351	20.593	20.562	20.625	HH	40589	1519743	13.76%	0.251%

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352	20.693	20.625	20.747	HH	42402	3016384	27.30%	0.498%
353	20.802	20.747	20.902	HH	42641	3820244	34.58%	0.631%
354	20.917	20.902	20.933	HH	40561	769566	6.97%	0.127%
355	20.949	20.933	20.968	HH	40704	852138	7.71%	0.141%
356	20.987	20.968	21.018	HH	40726	1217362	11.02%	0.201%
357	21.032	21.018	21.085	HH	40824	1625220	14.71%	0.268%
358	21.092	21.085	21.158	HH	40619	1778932	16.10%	0.294%
359	21.180	21.158	21.208	HH	40546	1211153	10.96%	0.200%
360	21.234	21.208	21.285	HH	41191	1867746	16.91%	0.308%
361	21.427	21.285	21.507	HH	41332	5425594	49.11%	0.896%
362	21.518	21.507	21.568	HH	40518	1477806	13.38%	0.244%
363	21.590	21.568	21.618	HH	40516	1213886	10.99%	0.200%
364	21.627	21.618	21.657	HH	40701	942402	8.53%	0.156%
365	21.668	21.657	21.692	HH	40568	838405	7.59%	0.138%
366	21.720	21.692	21.773	HH	41341	1992024	18.03%	0.329%
367	21.782	21.773	21.799	HH	40357	633201	5.73%	0.105%
368	21.811	21.799	21.825	HH	40387	619876	5.61%	0.102%
369	21.842	21.825	21.888	HH	40323	1526104	13.81%	0.252%
370	21.899	21.888	21.928	HH	40183	958074	8.67%	0.158%
371	21.948	21.928	21.965	HH	40147	884417	8.01%	0.146%
372	22.007	21.965	22.023	HH	40112	1402887	12.70%	0.232%
373	22.049	22.023	22.068	HH	40280	1081891	9.79%	0.179%
374	22.075	22.068	22.085	HH	40269	401993	3.64%	0.066%
375	22.114	22.085	22.221	HH	40441	3271423	29.61%	0.540%
376	22.270	22.221	22.333	HH	40787	2705513	24.49%	0.447%
377	22.344	22.333	22.368	HH	40214	852186	7.71%	0.141%
378	22.386	22.368	22.399	HH	40211	734258	6.65%	0.121%
379	22.418	22.399	22.441	HH	40146	1021049	9.24%	0.169%
380	22.462	22.441	22.532	HH	39855	2155990	19.51%	0.356%
381	22.556	22.532	22.592	HH	39565	1406815	12.73%	0.232%
382	22.623	22.592	22.657	HH	39563	1545024	13.98%	0.255%
383	22.688	22.657	22.716	HH	39450	1390367	12.58%	0.230%
384	22.739	22.716	22.782	HH	39397	1543718	13.97%	0.255%
385	22.804	22.782	22.835	HH	39411	1257382	11.38%	0.208%
386	22.841	22.835	22.851	HH	39055	377686	3.42%	0.062%
387	22.901	22.851	22.958	HH	39937	2532743	22.93%	0.418%
388	22.971	22.958	23.018	HH	39372	1392889	12.61%	0.230%
389	23.034	23.018	23.135	HH	39166	2731168	24.72%	0.451%
390	23.164	23.135	23.176	HH	38592	938247	8.49%	0.155%
391	23.187	23.176	23.207	HH	38559	719843	6.52%	0.119%
392	23.285	23.207	23.378	HH	39241	3990443	36.12%	0.659%
393	23.391	23.378	23.401	HH	38650	533847	4.83%	0.088%
394	23.410	23.401	23.452	HH	38578	1169001	10.58%	0.193%
395	23.458	23.452	23.473	HH	38516	482697	4.37%	0.080%
396	23.494	23.473	23.535	HH	38598	1436697	13.00%	0.237%
397	23.628	23.535	23.683	HH	38730	3425642	31.01%	0.566%
398	23.697	23.683	23.795	HH	38662	2572119	23.28%	0.425%
399	23.814	23.795	23.845	HH	38276	1137133	10.29%	0.188%
400	23.889	23.845	23.946	HH	38375	2332953	21.12%	0.385%
401	23.957	23.946	23.971	HH	38376	576639	5.22%	0.095%
402	24.029	23.971	24.052	HH	38517	1845380	16.70%	0.305%
403	24.067	24.052	24.098	HH	38405	1066441	9.65%	0.176%
404	24.107	24.098	24.169	HH	38353	1611849	14.59%	0.266%

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405	24.179	24.169	24.217	HH	37960	1109822	10.05%	0.183%
406	24.243	24.217	24.262	HH	38060	1009873	9.14%	0.167%
407	24.271	24.262	24.292	HH	37996	696400	6.30%	0.115%
408	24.307	24.292	24.330	HH	37978	859023	7.78%	0.142%
409	24.340	24.330	24.350	HH	37986	441728	4.00%	0.073%
410	24.361	24.350	24.398	HH	37974	1111369	10.06%	0.184%
411	24.416	24.398	24.443	HH	38185	1010235	9.14%	0.167%
412	24.486	24.443	24.585	HH	38539	3250273	29.42%	0.537%
413	24.592	24.585	24.608	HH	37659	526158	4.76%	0.087%
414	24.615	24.608	24.625	HH	37663	381022	3.45%	0.063%
415	24.657	24.625	24.679	HH	37777	1224964	11.09%	0.202%
416	24.701	24.679	24.742	HH	37932	1418131	12.84%	0.234%
417	24.752	24.742	24.775	HH	37778	747846	6.77%	0.123%
418	24.788	24.775	24.810	HH	37768	793303	7.18%	0.131%
419	24.844	24.810	24.878	HH	37848	1544309	13.98%	0.255%
420	24.884	24.878	24.898	HH	37852	453527	4.11%	0.075%
421	24.905	24.898	24.948	HH	37779	1131680	10.24%	0.187%
422	24.963	24.948	25.032	HH	37925	1886312	17.07%	0.311%
423	25.039	25.032	25.095	HH	37560	1425517	12.90%	0.235%
424	25.105	25.095	25.120	HH	37366	542536	4.91%	0.090%
425	25.135	25.120	25.148	HH	37407	643950	5.83%	0.106%
426	25.153	25.148	25.182	HH	37451	749476	6.78%	0.124%
427	25.209	25.182	25.255	HH	37458	1641154	14.85%	0.271%
428	25.277	25.255	25.296	HH	37351	915539	8.29%	0.151%
429	25.308	25.296	25.318	HH	37167	497755	4.51%	0.082%
430	25.325	25.318	25.338	HH	37074	444440	4.02%	0.073%
431	25.414	25.338	25.425	HH	37262	1928292	17.45%	0.318%
432	25.445	25.425	25.460	HH	37224	786948	7.12%	0.130%
433	25.474	25.460	25.509	HH	37327	1075844	9.74%	0.178%
434	25.517	25.509	25.561	HH	37224	1166858	10.56%	0.193%
435	25.579	25.561	25.617	HH	37149	1247552	11.29%	0.206%
436	25.630	25.617	25.652	HH	37090	771212	6.98%	0.127%
437	25.661	25.652	25.700	HH	36987	1068420	9.67%	0.176%
438	25.710	25.700	25.772	HH	36909	1583217	14.33%	0.261%
439	25.782	25.772	25.814	HH	36776	936161	8.47%	0.155%
440	25.859	25.814	25.895	HH	36888	1784333	16.15%	0.295%
441	25.904	25.895	25.932	HH	36829	811776	7.35%	0.134%
442	25.946	25.932	25.992	HH	36873	1318186	11.93%	0.218%
443	26.057	25.992	26.074	HH	36940	1814637	16.43%	0.300%
444	26.083	26.074	26.095	HH	36990	469059	4.25%	0.077%
445	26.135	26.095	26.164	HH	36947	1530645	13.85%	0.253%
446	26.191	26.164	26.225	HH	36843	1340346	12.13%	0.221%
447	26.227	26.225	26.311	HH	36786	1877235	16.99%	0.310%
448	26.334	26.311	26.354	HH	36417	950041	8.60%	0.157%
449	26.369	26.354	26.378	HH	36361	521653	4.72%	0.086%
450	26.390	26.378	26.422	HH	36432	944608	8.55%	0.156%
451	26.444	26.422	26.478	HH	36384	1219923	11.04%	0.201%
452	26.507	26.478	26.536	HH	36559	1263497	11.44%	0.209%
453	26.619	26.536	26.726	HH	36823	4171551	37.76%	0.689%
454	26.734	26.726	26.748	HH	36342	491384	4.45%	0.081%
455	26.767	26.748	26.778	HH	36338	653055	5.91%	0.108%
456	26.809	26.778	26.845	HH	36464	1459041	13.21%	0.241%

457 26.889 26.845 26.902 HHA 36545 1271868 11.51% 0.210%
rteres
Sum of corrected areas: 605561277

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