

rteres
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051719\
Data File : FE030095.D
Signal(s) : FID1B.CH
Acq On : 17 May 2019 15:18
Sample : K2866-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE051319.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.350	2.305	2.550	BH	284843	2180923	3.08%	0.051%
2	2.572	2.550	2.590	PH	2398	5894	0.01%	0.000%
3	2.601	2.590	2.644	PH	599	-26417	-0.04%	-0.001%
4	2.656	2.644	2.671	PH	-1380	-25561	-0.04%	-0.001%
5	2.682	2.671	2.738	PH	-1604	-74311	-0.10%	-0.002%
6	2.748	2.738	2.771	PH	-1941	-40243	-0.06%	-0.001%
7	2.776	2.771	2.787	PH	-1902	-18540	-0.03%	-0.000%
8	2.801	2.787	2.875	PH	-1842	-109232	-0.15%	-0.003%
9	2.880	2.875	2.893	PH	-1998	-22988	-0.03%	-0.001%
10	2.973	2.893	3.055	PH	-1874	-201312	-0.28%	-0.005%
11	3.075	3.055	3.118	PH	-2129	-87050	-0.12%	-0.002%
12	3.169	3.118	3.247	PH	-2108	-180181	-0.25%	-0.004%
13	3.261	3.247	3.291	PH	-2278	-63581	-0.09%	-0.001%
14	3.334	3.291	3.388	PH	-1466	-126617	-0.18%	-0.003%
15	3.406	3.388	3.419	PH	-2378	-45372	-0.06%	-0.001%
16	3.436	3.419	3.449	PH	-1745	-38075	-0.05%	-0.001%
17	3.458	3.449	3.477	PH	-2005	-35565	-0.05%	-0.001%
18	3.493	3.477	3.536	PH	-1832	-75344	-0.11%	-0.002%
19	3.546	3.536	3.557	PH	-2296	-29615	-0.04%	-0.001%
20	3.577	3.557	3.613	PH	-1242	-67300	-0.10%	-0.002%
21	3.635	3.613	3.663	PH	-1978	-63621	-0.09%	-0.002%
22	3.679	3.663	3.720	PH	-1355	-62030	-0.09%	-0.001%
23	3.745	3.720	3.755	PH	-1530	-39904	-0.06%	-0.001%
24	3.764	3.755	3.778	PH	-1549	-24359	-0.03%	-0.001%
25	3.794	3.778	3.821	PH	-1657	-51410	-0.07%	-0.001%
26	3.837	3.821	3.858	PH	-1193	-42231	-0.06%	-0.001%
27	3.909	3.858	3.935	PH	-1233	-74574	-0.11%	-0.002%
28	3.965	3.935	3.982	PH	9	-32102	-0.05%	-0.001%
29	4.000	3.982	4.012	PH	-935	-22809	-0.03%	-0.001%
30	4.023	4.012	4.044	PH	-984	-24667	-0.03%	-0.001%

31	4.058	4.044	4.084	PH	-1148	-37020	-0.05%	-0.001%
32	4.096	4.084	4.109	PH	-1661	-27338	-0.04%	-0.001%
33	4.168	4.109	4.238	PH	1756	-17189	-0.02%	-0.000%
34	4.271	4.238	4.298	PH	554	-19465	-0.03%	-0.000%
35	4.309	4.298	4.318	PH	-495	-7947	-0.01%	-0.000%
36	4.358	4.318	4.410	PH	374620	3437067	4.85%	0.081%
37	4.425	4.410	4.478	HH	3719	49339	0.07%	0.001%
38	4.498	4.478	4.519	PH	531	-6013	-0.01%	-0.000%
39	4.548	4.519	4.596	PH	4354	81759	0.12%	0.002%
40	4.610	4.596	4.624	PH	1821	15391	0.02%	0.000%
41	4.637	4.624	4.670	HH	2557	16017	0.02%	0.000%
42	4.682	4.670	4.711	PH	19	-4932	-0.01%	-0.000%
43	4.731	4.711	4.745	PH	2629	19887	0.03%	0.000%
44	4.764	4.745	4.793	HH	1733	26321	0.04%	0.001%
45	4.826	4.793	4.861	HH	6058	96558	0.14%	0.002%
46	4.870	4.861	4.889	HH	896	8294	0.01%	0.000%
47	4.907	4.889	4.917	PH	976	9433	0.01%	0.000%
48	4.931	4.917	4.957	HH	2205	26274	0.04%	0.001%
49	4.972	4.957	5.001	HH	1996	28358	0.04%	0.001%
50	5.035	5.001	5.049	HH	7167	111650	0.16%	0.003%
51	5.062	5.049	5.076	HH	8247	87301	0.12%	0.002%
52	5.092	5.076	5.132	HH	7225	155488	0.22%	0.004%
53	5.155	5.132	5.177	HH	3023	50056	0.07%	0.001%
54	5.216	5.177	5.233	HH	2656	56084	0.08%	0.001%
55	5.268	5.233	5.331	HH	14177	276671	0.39%	0.007%
56	5.342	5.331	5.352	HH	2365	28515	0.04%	0.001%
57	5.363	5.352	5.375	HH	2749	31231	0.04%	0.001%
58	5.407	5.375	5.420	HH	13405	184279	0.26%	0.004%
59	5.437	5.420	5.487	HH	25361	392536	0.55%	0.009%
60	5.505	5.487	5.540	HH	4641	113579	0.16%	0.003%
61	5.566	5.540	5.594	HH	17827	287121	0.41%	0.007%
62	5.620	5.594	5.654	HH	8296	205776	0.29%	0.005%
63	5.687	5.654	5.725	HH	8778	262637	0.37%	0.006%
64	5.742	5.725	5.764	HH	9869	191488	0.27%	0.005%
65	5.779	5.764	5.819	HH	9389	243129	0.34%	0.006%
66	5.889	5.819	5.916	HH	23130	555975	0.79%	0.013%
67	5.930	5.916	5.941	HH	9189	128903	0.18%	0.003%
68	5.951	5.941	5.960	HH	8923	93891	0.13%	0.002%
69	5.990	5.960	6.000	HH	15983	324917	0.46%	0.008%
70	6.020	6.000	6.048	HH	29138	532136	0.75%	0.013%
71	6.069	6.048	6.094	HH	24611	483090	0.68%	0.011%
72	6.116	6.094	6.146	HH	18945	515544	0.73%	0.012%
73	6.163	6.146	6.184	HH	24997	386324	0.55%	0.009%
74	6.201	6.184	6.218	HH	14076	262345	0.37%	0.006%
75	6.236	6.218	6.251	HH	15426	288958	0.41%	0.007%
76	6.282	6.251	6.295	HH	30916	579003	0.82%	0.014%
77	6.309	6.295	6.341	HH	37975	731014	1.03%	0.017%

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78	6.366	6.341	6.390	HH	409468	4057163	5.73%	0.096%
79	6.405	6.390	6.431	HH	36419	603762	0.85%	0.014%
80	6.449	6.431	6.479	HH	39709	802627	1.13%	0.019%
81	6.512	6.479	6.526	HH	39658	883900	1.25%	0.021%
82	6.547	6.526	6.573	HH	40743	864375	1.22%	0.020%
83	6.618	6.573	6.647	HH	38002	1242882	1.76%	0.029%
84	6.684	6.647	6.698	HH	43198	1035445	1.46%	0.024%
85	6.719	6.698	6.735	HH	47899	855207	1.21%	0.020%
86	6.754	6.735	6.774	HH	45474	931842	1.32%	0.022%
87	6.785	6.774	6.798	HH	42441	524647	0.74%	0.012%
88	6.817	6.798	6.835	HH	63218	1050136	1.48%	0.025%
89	6.853	6.835	6.869	HH	58392	984650	1.39%	0.023%
90	6.883	6.869	6.891	HH	51892	643581	0.91%	0.015%
91	6.917	6.891	6.941	HH	73552	1720792	2.43%	0.041%
92	6.969	6.941	6.987	HH	62853	1398968	1.98%	0.033%
93	7.010	6.987	7.045	HH	77725	2072584	2.93%	0.049%
94	7.065	7.045	7.102	HH	83765	2289862	3.23%	0.054%
95	7.114	7.102	7.125	HH	54642	706588	1.00%	0.017%
96	7.162	7.125	7.183	HH	92381	2501142	3.53%	0.059%
97	7.200	7.183	7.219	HH	76678	1480460	2.09%	0.035%
98	7.246	7.219	7.262	HH	87833	1841389	2.60%	0.043%
99	7.291	7.262	7.308	HH	106685	2399395	3.39%	0.057%
100	7.351	7.308	7.363	HH	97503	2792223	3.94%	0.066%
101	7.374	7.363	7.385	HH	96665	1202712	1.70%	0.028%
102	7.437	7.385	7.453	HH	118076	4165152	5.88%	0.098%
103	7.466	7.453	7.489	HH	115957	2273757	3.21%	0.054%
104	7.509	7.489	7.520	HH	93599	1691308	2.39%	0.040%
105	7.572	7.520	7.609	HH	245800	7301686	10.31%	0.172%
106	7.627	7.609	7.643	HH	118663	2218389	3.13%	0.052%
107	7.662	7.643	7.682	HH	141757	2874803	4.06%	0.068%
108	7.716	7.682	7.731	HH	209616	4543835	6.42%	0.107%
109	7.763	7.731	7.784	HH	167706	4656002	6.57%	0.110%
110	7.854	7.784	7.872	HH	200938	8220278	11.61%	0.194%
111	7.895	7.872	7.939	HH	409676	9297359	13.13%	0.219%
112	7.959	7.939	7.975	HH	227245	3984037	5.63%	0.094%
113	7.998	7.975	8.014	HH	229546	4703050	6.64%	0.111%
114	8.037	8.014	8.067	HH	310561	7567224	10.69%	0.178%
115	8.085	8.067	8.098	HH	231644	3855541	5.44%	0.091%
116	8.109	8.098	8.119	HH	218998	2654196	3.75%	0.063%
117	8.173	8.119	8.204	HH	631850	15535105	21.94%	0.366%
118	8.245	8.204	8.277	HH	387056	11830400	16.71%	0.279%
119	8.323	8.277	8.365	HH	783612	19873112	28.06%	0.469%
120	8.423	8.365	8.483	HH	417784	21594795	30.49%	0.509%
121	8.505	8.483	8.522	HH	324928	7041093	9.94%	0.166%
122	8.551	8.522	8.573	HH	603624	12836706	18.13%	0.303%
123	8.624	8.573	8.646	HH	954412	22134134	31.26%	0.522%
124	8.661	8.646	8.672	HH	532818	7386393	10.43%	0.174%

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125	8.689	8.672	8.740	HH	870823	20941538	29.57%	0.494%	
126	8.753	8.740	8.767	HH	399294	6202351	8.76%	0.146%	
127	8.789	8.767	8.806	HH	570874	11005384	15.54%	0.259%	
128	8.820	8.806	8.834	HH	480096	7578375	10.70%	0.179%	
129	8.855	8.834	8.872	HH	506582	10514581	14.85%	0.248%	
130	8.912	8.872	8.934	HH	653902	18157679	25.64%	0.428%	
131	8.949	8.934	8.958	HH	469964	6401455	9.04%	0.151%	
132	8.967	8.958	8.992	HH	462968	9345519	13.20%	0.220%	
133	9.006	8.992	9.020	HH	483895	7350324	10.38%	0.173%	
134	9.041	9.020	9.060	HH	493830	11517612	16.26%	0.272%	
135	9.079	9.060	9.109	HH	540622	14278484	20.16%	0.337%	
136	9.124	9.109	9.140	HH	491632	8533136	12.05%	0.201%	
137	9.158	9.140	9.182	HH	502012	11872077	16.76%	0.280%	
138	9.206	9.182	9.223	HH	633505	13208210	18.65%	0.311%	
139	9.242	9.223	9.262	HH	538750	11987194	16.93%	0.283%	
140	9.303	9.262	9.326	HH	789777	23742291	33.53%	0.560%	
141	9.393	9.326	9.419	HH	1181607	40219743	56.79%	0.948%	
142	9.465	9.419	9.486	HH	811546	26966041	38.08%	0.636%	
143	9.495	9.486	9.511	HH	616067	9091322	12.84%	0.214%	
144	9.543	9.511	9.555	HH	713566	16959081	23.95%	0.400%	
145	9.564	9.555	9.582	HH	678810	10199558	14.40%	0.240%	
146	9.613	9.582	9.624	HH	631928	15473244	21.85%	0.365%	
147	9.636	9.624	9.651	HH	633581	10404574	14.69%	0.245%	
148	9.661	9.651	9.675	HH	636414	8924534	12.60%	0.210%	
149	9.691	9.675	9.706	HH	666207	11697890	16.52%	0.276%	
150	9.743	9.706	9.771	HH	728019	26159544	36.94%	0.617%	
151	9.793	9.771	9.811	HH	1083367	19845072	28.02%	0.468%	
152	9.836	9.811	9.851	HH	719354	16723670	23.62%	0.394%	
153	9.875	9.851	9.885	HH	746117	14855217	20.98%	0.350%	
154	9.894	9.885	9.911	HH	757237	11208974	15.83%	0.264%	
155	9.921	9.911	9.928	HH	698937	7322890	10.34%	0.173%	
156	9.975	9.928	9.999	HH	807433	31622485	44.65%	0.746%	
157	10.020	9.999	10.032	HH	775562	14928215	21.08%	0.352%	
158	10.042	10.032	10.056	HH	769269	10936482	15.44%	0.258%	
159	10.071	10.056	10.082	HH	770574	11798714	16.66%	0.278%	
160	10.102	10.082	10.121	HH	801422	18077797	25.53%	0.426%	
161	10.140	10.121	10.157	HH	869307	17636789	24.90%	0.416%	
162	10.182	10.157	10.207	HH	1016403	27390282	38.68%	0.646%	
163	10.218	10.207	10.233	HH	886326	13235838	18.69%	0.312%	
164	10.254	10.233	10.301	HH	946402	37043179	52.31%	0.873%	
165	10.329	10.301	10.355	HH	1009280	29689176	41.92%	0.700%	
166	10.373	10.355	10.387	HH	902319	17249445	24.36%	0.407%	
167	10.396	10.387	10.407	HH	897961	10586250	14.95%	0.250%	
168	10.429	10.407	10.437	HH	940283	16543027	23.36%	0.390%	
169	10.469	10.437	10.488	HH	985102	28704602	40.53%	0.677%	
170	10.542	10.488	10.554	HH	996897	37644856	53.16%	0.888%	

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171	10.576	10.554	10.595	HH	1081585	25692369	36.28%	0.606%
172	10.619	10.595	10.644	HH	1276746	33377727	47.13%	0.787%
173	10.663	10.644	10.685	HH	1101355	25768425	36.39%	0.608%
174	10.699	10.685	10.717	HH	1029116	19538822	27.59%	0.461%
175	10.741	10.717	10.758	HH	1079444	25251002	35.66%	0.595%
176	10.777	10.758	10.801	HH	1099836	27359551	38.63%	0.645%
177	10.819	10.801	10.839	HH	1149391	25266877	35.68%	0.596%
178	10.864	10.839	10.895	HH	1121363	36046983	50.90%	0.850%
179	10.913	10.895	10.931	HH	1146284	24285348	34.29%	0.573%
180	10.951	10.931	10.998	HH	1176182	45233407	63.87%	1.067%
181	11.030	10.998	11.063	HH	1223677	45281258	63.94%	1.068%
182	11.083	11.063	11.105	HH	1214650	29419655	41.54%	0.694%
183	11.134	11.105	11.158	HH	1218901	38145328	53.87%	0.899%
184	11.228	11.158	11.239	HH	1288470	59477147	83.99%	1.402%
185	11.261	11.239	11.293	HH	1555835	42541858	60.07%	1.003%
186	11.350	11.293	11.375	HH	1395603	62621741	88.43%	1.477%
187	11.384	11.375	11.401	HH	1206218	18660389	26.35%	0.440%
188	11.414	11.401	11.446	HH	1227904	32777437	46.29%	0.773%
189	11.463	11.446	11.476	HH	1242092	21586592	30.48%	0.509%
190	11.491	11.476	11.502	HH	1266194	19519977	27.56%	0.460%
191	11.558	11.502	11.597	HH	1292273	70816349	100.00%	1.670%
192	11.625	11.597	11.644	HH	1368765	36517920	51.57%	0.861%
193	11.661	11.644	11.681	HH	1344751	28200728	39.82%	0.665%
194	11.727	11.681	11.739	HH	1330185	45152426	63.76%	1.065%
195	11.762	11.739	11.799	HH	1382803	48347993	68.27%	1.140%
196	11.811	11.799	11.854	HH	1350544	43145921	60.93%	1.017%
197	11.875	11.854	11.891	HH	1401259	29840102	42.14%	0.704%
198	11.916	11.891	11.970	HH	1406693	62903558	88.83%	1.483%
199	11.991	11.970	12.003	HH	1308013	25171558	35.54%	0.594%
200	12.045	12.003	12.055	HH	1334856	40516939	57.21%	0.955%
201	12.065	12.055	12.114	HH	1350711	45414464	64.13%	1.071%
202	12.161	12.114	12.171	HH	1333630	44003507	62.14%	1.038%
203	12.183	12.171	12.205	HH	1338376	27169941	38.37%	0.641%
204	12.224	12.205	12.280	HH	1374111	58810928	83.05%	1.387%
205	12.295	12.280	12.307	HH	1288644	20896399	29.51%	0.493%
206	12.327	12.307	12.345	HH	1338314	28947818	40.88%	0.683%
207	12.358	12.345	12.388	HH	1289603	32280770	45.58%	0.761%
208	12.418	12.388	12.469	HH	1278002	59891944	84.57%	1.412%
209	12.502	12.469	12.534	HH	1261374	48015157	67.80%	1.132%
210	12.546	12.534	12.556	HH	1231763	16291933	23.01%	0.384%
211	12.577	12.556	12.605	HH	1569275	38097781	53.80%	0.898%
212	12.619	12.605	12.653	HH	1225832	34586374	48.84%	0.815%
213	12.682	12.653	12.749	HH	1274119	68060130	96.11%	1.605%
214	12.763	12.749	12.779	HH	1127997	20089728	28.37%	0.474%
215	12.793	12.779	12.821	HH	1128606	28334016	40.01%	0.668%
216	12.834	12.821	12.862	HH	1121723	27022168	38.16%	0.637%
217	12.897	12.862	12.925	HH	1131961	40879704	57.73%	0.964%

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218	12.979	12.925	13.014	HH	1133183	57941165	81.82%	1.366%
219	13.029	13.014	13.048	HH	1093467	21689885	30.63%	0.511%
220	13.067	13.048	13.088	HH	1085744	25409725	35.88%	0.599%
221	13.115	13.088	13.135	HH	1091061	29468007	41.61%	0.695%
222	13.148	13.135	13.171	HH	1045618	22489419	31.76%	0.530%
223	13.190	13.171	13.208	HH	1025481	21924445	30.96%	0.517%
224	13.226	13.208	13.242	HH	1056904	20787684	29.35%	0.490%
225	13.257	13.242	13.293	HH	1018797	30931309	43.68%	0.729%
226	13.313	13.293	13.332	HH	995545	22780459	32.17%	0.537%
227	13.346	13.332	13.375	HH	1016346	24765015	34.97%	0.584%
228	13.397	13.375	13.421	HH	985541	26968104	38.08%	0.636%
229	13.445	13.421	13.475	HH	977600	30729003	43.39%	0.725%
230	13.489	13.475	13.533	HH	947535	32364985	45.70%	0.763%
231	13.552	13.533	13.587	HH	924994	29496654	41.65%	0.695%
232	13.606	13.587	13.633	HH	914823	24696017	34.87%	0.582%
233	13.662	13.633	13.695	HH	894288	32357738	45.69%	0.763%
234	13.712	13.695	13.727	HH	847530	16581069	23.41%	0.391%
235	13.763	13.727	13.793	HH	1179489	36219240	51.15%	0.854%
236	13.812	13.793	13.865	HH	845835	35329140	49.89%	0.833%
237	13.901	13.865	13.928	HH	808648	29865583	42.17%	0.704%
238	13.976	13.928	14.018	HH	807978	41884874	59.15%	0.988%
239	14.040	14.018	14.107	HH	766130	39558741	55.86%	0.933%
240	14.138	14.107	14.196	HH	730821	37721716	53.27%	0.889%
241	14.213	14.196	14.247	HH	682423	20602248	29.09%	0.486%
242	14.268	14.247	14.328	HH	685027	31597573	44.62%	0.745%
243	14.344	14.328	14.365	HH	639127	13670609	19.30%	0.322%
244	14.382	14.365	14.421	HH	646932	21293787	30.07%	0.502%
245	14.435	14.421	14.530	HH	651181	39364771	55.59%	0.928%
246	14.558	14.530	14.623	HH	593068	31284254	44.18%	0.738%
247	14.647	14.623	14.677	HH	847302	20557086	29.03%	0.485%
248	14.694	14.677	14.720	HH	520081	13304757	18.79%	0.314%
249	14.732	14.720	14.825	HH	517641	30627438	43.25%	0.722%
250	14.849	14.825	14.878	HH	819115	18797621	26.54%	0.443%
251	14.893	14.878	14.961	HH	486584	22811825	32.21%	0.538%
252	14.984	14.961	15.068	HH	490516	27407279	38.70%	0.646%
253	15.091	15.068	15.129	HH	411303	14745601	20.82%	0.348%
254	15.133	15.129	15.154	HH	388570	5707088	8.06%	0.135%
255	15.164	15.154	15.197	HH	384196	9763966	13.79%	0.230%
256	15.224	15.197	15.257	HH	564072	15310899	21.62%	0.361%
257	15.281	15.257	15.295	HH	370462	8085685	11.42%	0.191%
258	15.313	15.295	15.328	HH	356511	6971167	9.84%	0.164%
259	15.363	15.328	15.483	HH	351514	30870386	43.59%	0.728%
260	15.500	15.483	15.513	HH	319298	5468429	7.72%	0.129%
261	15.520	15.513	15.559	HH	307111	8284907	11.70%	0.195%
262	15.580	15.559	15.641	HH	303336	14441129	20.39%	0.340%
263	15.661	15.641	15.784	HH	298149	23895208	33.74%	0.563%
264	15.796	15.784	15.817	HH	260871	5001655	7.06%	0.118%

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265	15.859	15.817	15.919	HH	574772	19165518	27.06%	0.452%
266	15.944	15.919	15.968	HH	247061	7048488	9.95%	0.166%
267	15.992	15.968	16.012	HH	236370	6085252	8.59%	0.143%
268	16.055	16.012	16.089	HH	251238	10977405	15.50%	0.259%
269	16.105	16.089	16.125	HH	224284	4728496	6.68%	0.111%
270	16.149	16.125	16.173	HH	235510	6482189	9.15%	0.153%
271	16.184	16.173	16.201	HH	221105	3774895	5.33%	0.089%
272	16.228	16.201	16.265	HH	235876	8450538	11.93%	0.199%
273	16.298	16.265	16.315	HH	209635	6105988	8.62%	0.144%
274	16.334	16.315	16.372	HH	217731	6951442	9.82%	0.164%
275	16.379	16.372	16.395	HH	194843	2607285	3.68%	0.061%
276	16.414	16.395	16.436	HH	208161	4890391	6.91%	0.115%
277	16.450	16.436	16.536	HH	199736	11565650	16.33%	0.273%
278	16.555	16.536	16.581	HH	193391	4951509	6.99%	0.117%
279	16.598	16.581	16.624	HH	192265	4863644	6.87%	0.115%
280	16.636	16.624	16.649	HH	180612	2678445	3.78%	0.063%
281	16.661	16.649	16.715	HH	179426	6793195	9.59%	0.160%
282	16.738	16.715	16.766	HH	174736	5084170	7.18%	0.120%
283	16.803	16.766	16.834	HH	518918	10921782	15.42%	0.258%
284	16.845	16.834	16.870	HH	179208	3546744	5.01%	0.084%
285	16.888	16.870	16.898	HH	159503	2623278	3.70%	0.062%
286	16.911	16.898	16.953	HH	162226	5149211	7.27%	0.121%
287	17.002	16.953	17.023	HH	159736	6532521	9.22%	0.154%
288	17.042	17.023	17.092	HH	178473	6380422	9.01%	0.150%
289	17.117	17.092	17.143	HH	154695	4458182	6.30%	0.105%
290	17.164	17.143	17.196	HH	146803	4554826	6.43%	0.107%
291	17.211	17.196	17.227	HH	150752	2694695	3.81%	0.064%
292	17.246	17.227	17.302	HH	163137	6152406	8.69%	0.145%
293	17.315	17.302	17.331	HH	126782	2155179	3.04%	0.051%
294	17.360	17.331	17.395	HH	136920	4826598	6.82%	0.114%
295	17.405	17.395	17.426	HH	117154	2135009	3.01%	0.050%
296	17.439	17.426	17.464	HH	117989	2622311	3.70%	0.062%
297	17.474	17.464	17.497	HH	114710	2227853	3.15%	0.053%
298	17.528	17.497	17.555	HH	115473	3896388	5.50%	0.092%
299	17.578	17.555	17.600	HH	113962	2933629	4.14%	0.069%
300	17.613	17.600	17.638	HH	105559	2344471	3.31%	0.055%
301	17.687	17.638	17.712	HH	426785	8316786	11.74%	0.196%
302	17.726	17.712	17.748	HH	102322	2103672	2.97%	0.050%
303	17.824	17.748	17.840	HH	117819	5533481	7.81%	0.130%
304	17.851	17.840	17.900	HH	103893	3440393	4.86%	0.081%
305	17.914	17.900	17.942	HH	90518	2193104	3.10%	0.052%
306	17.969	17.942	17.992	HH	86346	2525934	3.57%	0.060%
307	18.041	17.992	18.080	HH	163854	5483685	7.74%	0.129%
308	18.103	18.080	18.129	HH	107771	2608289	3.68%	0.061%
309	18.139	18.129	18.151	HH	76560	1024276	1.45%	0.024%
310	18.158	18.151	18.167	HH	76768	732400	1.03%	0.017%

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311	18.190	18.167	18.283	HH	102728	5350072	7.55%	0.126%
312	18.297	18.283	18.314	HH	68249	1281616	1.81%	0.030%
313	18.345	18.314	18.384	HH	69016	2839072	4.01%	0.067%
314	18.398	18.384	18.433	HH	67426	1880303	2.66%	0.044%
315	18.458	18.433	18.480	HH	70063	1862254	2.63%	0.044%
316	18.517	18.480	18.552	HH	375883	6493854	9.17%	0.153%
317	18.571	18.552	18.580	HH	60241	981871	1.39%	0.023%
318	18.609	18.580	18.638	HH	66751	2139521	3.02%	0.050%
319	18.661	18.638	18.713	HH	61667	2601330	3.67%	0.061%
320	18.720	18.713	18.734	HH	54042	670074	0.95%	0.016%
321	18.746	18.734	18.773	HH	53417	1260073	1.78%	0.030%
322	18.794	18.773	18.815	HH	55611	1335038	1.89%	0.031%
323	18.866	18.815	18.898	HH	98208	3305930	4.67%	0.078%
324	18.909	18.898	18.965	HH	62909	2302931	3.25%	0.054%
325	19.009	18.965	19.032	HH	52789	2025087	2.86%	0.048%
326	19.042	19.032	19.058	HH	49849	774088	1.09%	0.018%
327	19.076	19.058	19.127	HH	52406	2066096	2.92%	0.049%
328	19.156	19.127	19.191	HH	50575	1828066	2.58%	0.043%
329	19.222	19.191	19.245	HH	47398	1470449	2.08%	0.035%
330	19.300	19.245	19.355	HH	301481	6086089	8.59%	0.144%
331	19.379	19.355	19.394	HH	51860	1136243	1.60%	0.027%
332	19.409	19.394	19.446	HH	51158	1454666	2.05%	0.034%
333	19.468	19.446	19.481	HH	45855	934040	1.32%	0.022%
334	19.492	19.481	19.528	HH	46130	1276910	1.80%	0.030%
335	19.536	19.528	19.547	HH	42937	484420	0.68%	0.011%
336	19.588	19.547	19.609	HH	45907	1640833	2.32%	0.039%
337	19.647	19.609	19.687	HH	54758	2308899	3.26%	0.054%
338	19.708	19.687	19.744	HH	48406	1561345	2.20%	0.037%
339	19.759	19.744	19.791	HH	43389	1225796	1.73%	0.029%
340	19.815	19.791	19.841	HH	43976	1286525	1.82%	0.030%
341	19.887	19.841	19.908	HH	45663	1748799	2.47%	0.041%
342	19.941	19.908	19.984	HH	47867	1999687	2.82%	0.047%
343	20.040	19.984	20.068	HH	267138	4950445	6.99%	0.117%
344	20.081	20.068	20.118	HH	44425	1295924	1.83%	0.031%
345	20.131	20.118	20.151	HH	41792	811969	1.15%	0.019%
346	20.172	20.151	20.181	HH	42483	759691	1.07%	0.018%
347	20.200	20.181	20.243	HH	45755	1596688	2.25%	0.038%
348	20.278	20.243	20.324	HH	42756	2044787	2.89%	0.048%
349	20.386	20.324	20.419	HH	45330	2451734	3.46%	0.058%
350	20.427	20.419	20.457	HH	41430	920159	1.30%	0.022%
351	20.487	20.457	20.529	HH	41197	1748252	2.47%	0.041%
352	20.555	20.529	20.605	HH	42422	1817137	2.57%	0.043%
353	20.628	20.605	20.657	HH	39148	1203737	1.70%	0.028%
354	20.678	20.657	20.702	HH	38567	1046047	1.48%	0.025%
355	20.765	20.702	20.881	HH	208793	6465393	9.13%	0.152%
356	20.895	20.881	20.907	HH	35719	541266	0.76%	0.013%
357	20.927	20.907	20.962	HH	35788	1174479	1.66%	0.028%

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358	20.977	20.962	21.041	HH	35415	1666045	2.35%	0.039%
359	21.076	21.041	21.144	HH	37671	2182913	3.08%	0.051%
360	21.173	21.144	21.293	HH	35573	2978282	4.21%	0.070%
361	21.303	21.293	21.369	HH	32421	1453605	2.05%	0.034%
362	21.408	21.369	21.488	HH	31677	2231440	3.15%	0.053%
363	21.497	21.488	21.512	HH	31172	447483	0.63%	0.011%
364	21.526	21.512	21.542	HH	31303	558207	0.79%	0.013%
365	21.561	21.542	21.589	HH	31618	877893	1.24%	0.021%
366	21.639	21.589	21.738	HH	169166	5270225	7.44%	0.124%
367	21.818	21.738	21.867	HH	30004	2288773	3.23%	0.054%
368	21.879	21.867	21.888	HH	29362	369104	0.52%	0.009%
369	21.895	21.888	21.928	HH	29371	701165	0.99%	0.017%
370	21.968	21.928	22.041	HH	29734	1972015	2.78%	0.046%
371	22.051	22.041	22.061	HH	28324	339161	0.48%	0.008%
372	22.070	22.061	22.121	HH	28345	1016162	1.43%	0.024%
373	22.160	22.121	22.212	HH	28627	1517693	2.14%	0.036%
374	22.220	22.212	22.238	HH	27329	422619	0.60%	0.010%
375	22.247	22.238	22.273	HH	27112	574296	0.81%	0.014%
376	22.285	22.273	22.294	HH	26874	331000	0.47%	0.008%
377	22.304	22.294	22.320	HH	26957	417027	0.59%	0.010%
378	22.398	22.320	22.538	HH	29017	3536129	4.99%	0.083%
379	22.571	22.538	22.627	HH	26033	1386774	1.96%	0.033%
380	22.638	22.627	22.688	HH	25654	920712	1.30%	0.022%
381	22.758	22.688	22.814	HH	26206	1926511	2.72%	0.045%
382	22.823	22.814	22.882	HH	25197	1020126	1.44%	0.024%
383	22.891	22.882	23.008	HH	24818	1847803	2.61%	0.044%
384	23.025	23.008	23.073	HH	24207	940658	1.33%	0.022%
385	23.088	23.073	23.138	HH	23970	922789	1.30%	0.022%
386	23.149	23.138	23.192	HH	23847	764895	1.08%	0.018%
387	23.267	23.192	23.393	HH	25682	2873147	4.06%	0.068%
388	23.401	23.393	23.414	HH	22866	288631	0.41%	0.007%
389	23.457	23.414	23.551	HH	23105	1886080	2.66%	0.044%
390	23.559	23.551	23.650	HH	22822	1342643	1.90%	0.032%
391	23.662	23.650	23.673	HH	22455	297716	0.42%	0.007%
392	23.684	23.673	23.694	HH	22509	283143	0.40%	0.007%
393	23.708	23.694	23.741	HH	22548	640828	0.90%	0.015%
394	23.755	23.741	23.795	HH	22455	713817	1.01%	0.017%
395	23.801	23.795	23.809	HH	22402	190358	0.27%	0.004%
396	23.816	23.809	23.922	HH	22334	1488756	2.10%	0.035%
397	23.932	23.922	24.035	HH	21712	1468226	2.07%	0.035%
398	24.043	24.035	24.068	HH	21264	413239	0.58%	0.010%
399	24.086	24.068	24.118	HH	21220	640848	0.90%	0.015%
400	24.132	24.118	24.148	HH	21183	374156	0.53%	0.009%
401	24.179	24.148	24.192	HH	21405	558598	0.79%	0.013%
402	24.261	24.192	24.441	HHA	24149	3334723	4.71%	0.079%

Sum of corrected areas: 4241157245

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