

Instrument :
FID_F
ClientSampleId :
KTS-WC-S-IB-ST

rteres

Area Percent Report

Manual Integrations
APPROVED

Ankita
9/21/2020 1:03:50 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091820\
Data File : FF007615.D
Signal(s) : FID2B.ch
Acq On : 18 Sep 2020 15:45
Sample : L4075-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090120.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.343	2.320	2.375	BH	5958	45609	0.22%	0.002%
2	2.385	2.375	2.389	PH	-105	-1301	-0.01%	-0.000%
3	2.415	2.389	2.438	PH	204	-3168	-0.02%	-0.000%
4	2.444	2.438	2.460	PH	-202	-3396	-0.02%	-0.000%
5	2.472	2.460	2.485	PH	492	1269	0.01%	0.000%
6	2.496	2.485	2.502	PH	40	-663	-0.00%	-0.000%
7	2.513	2.502	2.556	PH	2454	19564	0.09%	0.001%
8	2.572	2.556	2.600	PH	1610	12882	0.06%	0.001%
9	2.621	2.600	2.632	PH	5134	40980	0.19%	0.002%
10	2.637	2.632	2.652	HH	2428	15563	0.07%	0.001%
11	2.674	2.652	2.687	PH	4121	33389	0.16%	0.002%
12	2.699	2.687	2.732	HH	2511	26631	0.13%	0.001%
13	2.740	2.732	2.750	HH	493	3327	0.02%	0.000%
14	2.761	2.750	2.777	HH	356	2329	0.01%	0.000%
15	2.806	2.777	2.820	PH	4028	34306	0.16%	0.002%
16	2.827	2.820	2.859	HH	1232	7115	0.03%	0.000%
17	2.896	2.859	2.930	PH	11104	143152	0.68%	0.007%
18	2.942	2.930	2.948	HH	1210	9339	0.04%	0.000%
19	2.958	2.948	2.980	HH	2462	23046	0.11%	0.001%
20	3.005	2.980	3.018	HH	1466	23636	0.11%	0.001%
21	3.028	3.018	3.043	HH	1235	11987	0.06%	0.001%
22	3.058	3.043	3.065	HH	1751	15065	0.07%	0.001%
23	3.077	3.065	3.089	HH	3189	29868	0.14%	0.002%
24	3.098	3.089	3.107	HH	1504	14411	0.07%	0.001%
25	3.124	3.107	3.143	HH	11652	102875	0.49%	0.005%
26	3.155	3.143	3.170	HH	1760	18606	0.09%	0.001%
27	3.196	3.170	3.208	HH	2153	32843	0.16%	0.002%
28	3.219	3.208	3.240	HH	1870	19830	0.09%	0.001%
29	3.254	3.240	3.289	HH	3128	39323	0.19%	0.002%
30	3.320	3.289	3.355	HH	1554	22671	0.11%	0.001%
31	3.379	3.355	3.409	HH	9074	118960	0.56%	0.006%
32	3.419	3.409	3.452	HH	975	8061	0.04%	0.000%
33	3.476	3.452	3.488	PH	2069	17165	0.08%	0.001%
34	3.501	3.488	3.514	HH	2306	21312	0.10%	0.001%
35	3.527	3.514	3.544	HH	1969	20306	0.10%	0.001%
36	3.568	3.544	3.605	HH	2550	40027	0.19%	0.002%

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37	3.658	3.605	3.669	HH	4872	84443	0.40%	0.004%	
38	3.675	3.669	3.695	HH	3341	34217	0.16%	0.002%	
39	3.709	3.695	3.723	HH	1258	17752	0.08%	0.001%	
40	3.750	3.723	3.773	HH	4240	61296	0.29%	0.003%	
41	3.788	3.773	3.802	HH	3086	34793	0.16%	0.002%	
42	3.825	3.802	3.839	HH	4589	54004	0.26%	0.003%	
43	3.846	3.839	3.858	HH	1696	14945	0.07%	0.001%	
44	3.874	3.858	3.887	HH	5582	52401	0.25%	0.003%	
45	3.894	3.887	3.908	HH	2680	22587	0.11%	0.001%	
46	3.922	3.908	3.940	HH	3494	29391	0.14%	0.001%	
47	3.961	3.940	3.991	PH	5498	70446	0.33%	0.004%	
48	3.999	3.991	4.015	HH	784	6908	0.03%	0.000%	
49	4.047	4.015	4.067	PH	20050	211524	1.00%	0.011%	
50	4.077	4.067	4.085	HH	3805	33713	0.16%	0.002%	
51	4.092	4.085	4.104	HH	3501	33756	0.16%	0.002%	
52	4.112	4.104	4.124	HH	2793	29933	0.14%	0.002%	
53	4.128	4.124	4.133	HH	2043	11296	0.05%	0.001%	
54	4.145	4.133	4.172	HH	3384	40592	0.19%	0.002%	
55	4.195	4.172	4.208	HH	26532	237084	1.12%	0.012%	
56	4.215	4.208	4.240	HH	13889	146496	0.69%	0.007%	
57	4.253	4.240	4.282	HH	3190	55696	0.26%	0.003%	
58	4.294	4.282	4.302	HH	2179	22275	0.11%	0.001%	
59	4.313	4.302	4.338	HH	2903	28947	0.14%	0.001%	
60	4.368	4.338	4.378	HH	2191	29879	0.14%	0.002%	
61	4.393	4.378	4.424	HH	3753	71171	0.34%	0.004%	
62	4.451	4.424	4.479	HH	7602	101867	0.48%	0.005%	
63	4.497	4.479	4.511	HH	5590	57943	0.27%	0.003%	
64	4.525	4.511	4.537	HH	3156	35272	0.17%	0.002%	
65	4.554	4.537	4.582	HH	2257	40509	0.19%	0.002%	
66	4.603	4.582	4.622	HH	8556	96684	0.46%	0.005%	
67	4.628	4.622	4.637	HH	2136	17716	0.08%	0.001%	
68	4.654	4.637	4.661	HH	4369	46116	0.22%	0.002%	
69	4.672	4.661	4.692	HH	4969	72707	0.34%	0.004%	
70	4.706	4.692	4.723	HH	8293	91318	0.43%	0.005%	
71	4.738	4.723	4.750	HH	3839	50232	0.24%	0.003%	
72	4.760	4.750	4.770	HH	3319	38212	0.18%	0.002%	
73	4.789	4.770	4.798	HH	4900	67147	0.32%	0.003%	
74	4.807	4.798	4.815	HH	4649	43531	0.21%	0.002%	
75	4.829	4.815	4.847	HH	6853	91195	0.43%	0.005%	
76	4.867	4.847	4.895	HH	7602	128262	0.61%	0.006%	
77	4.930	4.895	4.949	HH	7184	122258	0.58%	0.006%	
78	4.981	4.949	4.994	HH	3367	71673	0.34%	0.004%	
79	5.016	4.994	5.036	HH	3298	67060	0.32%	0.003%	
80	5.062	5.036	5.070	HH	2620	46226	0.22%	0.002%	
81	5.098	5.070	5.123	HH	4958	122057	0.58%	0.006%	
82	5.150	5.123	5.162	HH	5412	86384	0.41%	0.004%	
83	5.176	5.162	5.188	HH	7124	79854	0.38%	0.004%	
84	5.197	5.188	5.216	HH	5711	77486	0.37%	0.004%	
85	5.225	5.216	5.241	HH	3897	44275	0.21%	0.002%	
86	5.261	5.241	5.272	HH	2668	44052	0.21%	0.002%	
87	5.294	5.272	5.300	HH	4403	58554	0.28%	0.003%	
88	5.312	5.300	5.329	HH	5477	79119	0.37%	0.004%	
89	5.336	5.329	5.340	HH	3478	22141	0.10%	0.001%	

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90	5.363	5.340	5.375	HH	5645	97798	0.46%	0.005%
91	5.387	5.375	5.400	HH	6593	76713	0.36%	0.004%
92	5.415	5.400	5.431	HH	5334	81048	0.38%	0.004%
93	5.444	5.431	5.468	HH	5282	93092	0.44%	0.005%
94	5.494	5.468	5.509	HH	11256	172307	0.82%	0.009%
95	5.523	5.509	5.545	HH	11511	159881	0.76%	0.008%
96	5.563	5.545	5.577	HH	5571	89244	0.42%	0.004%
97	5.583	5.577	5.595	HH	4146	40771	0.19%	0.002%
98	5.614	5.595	5.640	HH	7237	134505	0.64%	0.007%
99	5.649	5.640	5.660	HH	4341	47921	0.23%	0.002%
100	5.682	5.660	5.719	HH	15958	271873	1.29%	0.014%
101	5.731	5.719	5.750	HH	6854	114973	0.54%	0.006%
102	5.779	5.750	5.824	HH	13256	357942	1.70%	0.018%
103	5.839	5.824	5.854	HH	6407	98795	0.47%	0.005%
104	5.869	5.854	5.877	HH	6388	77494	0.37%	0.004%
105	5.891	5.877	5.897	HH	8404	89923	0.43%	0.005%
106	5.905	5.897	5.927	HH	8706	123259	0.58%	0.006%
107	5.950	5.927	5.975	HH	8527	180901	0.86%	0.009%
108	5.999	5.975	6.025	HH	10594	247483	1.17%	0.012%
109	6.050	6.025	6.080	HH	51292	643333	3.05%	0.032%
110	6.097	6.080	6.113	HH	11483	177982	0.84%	0.009%
111	6.150	6.113	6.164	HH	9943	245752	1.16%	0.012%
112	6.183	6.164	6.208	HH	10267	227863	1.08%	0.011%
113	6.236	6.208	6.252	HH	11290	249640	1.18%	0.013%
114	6.266	6.252	6.273	HH	10231	121875	0.58%	0.006%
115	6.289	6.273	6.305	HH	12102	210092	1.00%	0.011%
116	6.321	6.305	6.342	HH	12943	242744	1.15%	0.012%
117	6.360	6.342	6.375	HH	12201	198276	0.94%	0.010%
118	6.409	6.375	6.427	HH	16900	395574	1.87%	0.020%
119	6.435	6.427	6.447	HH	12187	138809	0.66%	0.007%
120	6.458	6.447	6.464	HH	12510	119049	0.56%	0.006%
121	6.476	6.464	6.490	HH	16003	216389	1.02%	0.011%
122	6.497	6.490	6.524	HH	11651	210263	1.00%	0.011%
123	6.541	6.524	6.561	HH	13158	240095	1.14%	0.012%
124	6.576	6.561	6.587	HH	11979	168518	0.80%	0.008%
125	6.627	6.587	6.644	HH	21016	494219	2.34%	0.025%
126	6.674	6.644	6.692	HH	18463	445738	2.11%	0.022%
127	6.701	6.692	6.710	HH	11817	121224	0.57%	0.006%
128	6.715	6.710	6.728	HH	11342	122130	0.58%	0.006%
129	6.750	6.728	6.776	HH	18619	414274	1.96%	0.021%
130	6.804	6.776	6.831	HH	22687	564728	2.67%	0.028%
131	6.843	6.831	6.850	HH	14529	163333	0.77%	0.008%
132	6.868	6.850	6.905	HH	18674	527824	2.50%	0.027%
133	6.950	6.905	6.964	HH	19231	569520	2.70%	0.029%
134	6.982	6.964	6.996	HH	30315	453693	2.15%	0.023%
135	7.003	6.996	7.022	HH	23058	314034	1.49%	0.016%
136	7.040	7.022	7.069	HH	23773	553913	2.62%	0.028%
137	7.109	7.069	7.129	HH	52674	988267	4.68%	0.050%
138	7.135	7.129	7.142	HH	19939	159487	0.76%	0.008%
139	7.147	7.142	7.164	HH	19384	236522	1.12%	0.012%
140	7.182	7.164	7.193	HH	26554	392284	1.86%	0.020%
141	7.201	7.193	7.223	HH	23805	380813	1.80%	0.019%

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142	7.243	7.223	7.264	HH	45013	720337	3.41%	0.036%
143	7.283	7.264	7.302	HH	36147	635492	3.01%	0.032%
144	7.315	7.302	7.347	HH	24036	601969	2.85%	0.030%
145	7.370	7.347	7.386	HH	31078	600160	2.84%	0.030%
146	7.404	7.386	7.437	HH	32048	766212	3.63%	0.039%
147	7.457	7.437	7.475	HH	26150	546244	2.59%	0.028%
148	7.493	7.475	7.511	HH	27834	548317	2.60%	0.028%
149	7.521	7.511	7.531	HH	23865	276773	1.31%	0.014%
150	7.535	7.531	7.551	HH	23900	272204	1.29%	0.014%
151	7.579	7.551	7.614	HH	37750	1098287	5.20%	0.055%
152	7.626	7.614	7.648	HH	25079	477173	2.26%	0.024%
153	7.666	7.648	7.677	HH	25688	406996	1.93%	0.021%
154	7.701	7.677	7.725	HH	37427	918994	4.35%	0.046%
155	7.744	7.725	7.768	HH	40024	821687	3.89%	0.041%
156	7.789	7.768	7.807	HH	30751	659943	3.13%	0.033%
157	7.836	7.807	7.859	HH	43191	1101861	5.22%	0.056%
158	7.881	7.859	7.899	HH	31073	709858	3.36%	0.036%
159	7.924	7.899	7.936	HH	31018	669893	3.17%	0.034%
160	7.979	7.936	7.999	HH	43761	1413485	6.70%	0.071%
161	8.018	7.999	8.034	HH	40831	813950	3.86%	0.041%
162	8.039	8.034	8.051	HH	35570	363302	1.72%	0.018%
163	8.056	8.051	8.070	HH	33861	384411	1.82%	0.019%
164	8.096	8.070	8.115	HH	52258	1188483	5.63%	0.060%
165	8.132	8.115	8.169	HH	42882	1282884	6.08%	0.065%
166	8.187	8.169	8.197	HH	54407	794530	3.76%	0.040%
167	8.207	8.197	8.222	HH	54805	745510	3.53%	0.038%
168	8.236	8.222	8.253	HH	54888	913176	4.33%	0.046%
169	8.274	8.253	8.294	HH	58705	1183398	5.61%	0.060%
170	8.337	8.294	8.370	HH	120065	2847381	13.49%	0.144%
171	8.391	8.370	8.412	HH	55139	1259640	5.97%	0.063%
172	8.443	8.412	8.460	HH	66182	1481284	7.02%	0.075%
173	8.463	8.460	8.474	HH	49896	421196	2.00%	0.021%
174	8.493	8.474	8.513	HH	49226	1093473	5.18%	0.055%
175	8.531	8.513	8.536	HH	48074	654404	3.10%	0.033%
176	8.554	8.536	8.590	HH	56750	1661449	7.87%	0.084%
177	8.604	8.590	8.617	HH	47559	732888	3.47%	0.037%
178	8.636	8.617	8.648	HH	64498	1061088	5.03%	0.053%
179	8.688	8.648	8.713	HH	82380	2349574	11.13%	0.118%
180	8.739	8.713	8.760	HH	77910	1675688	7.94%	0.084%
181	8.810	8.760	8.835	HH	91411	3012650	14.27%	0.152%
182	8.851	8.835	8.869	HH	60288	1117562	5.29%	0.056%
183	8.891	8.869	8.909	HH	64343	1397894	6.62%	0.070%
184	8.932	8.909	8.947	HH	75639	1503933	7.12%	0.076%
185	8.962	8.947	8.980	HH	90756	1492459	7.07%	0.075%
186	8.988	8.980	9.010	HH	64387	1099726	5.21%	0.055%
187	9.040	9.010	9.062	HH	81307	2222410	10.53%	0.112%
188	9.098	9.062	9.114	HH	77989	2143701	10.15%	0.108%
189	9.135	9.114	9.165	HH	73632	2082731	9.87%	0.105%
190	9.184	9.165	9.211	HH	70940	1774142	8.40%	0.089%
191	9.233	9.211	9.240	HH	67388	1100449	5.21%	0.055%
192	9.255	9.240	9.274	HH	74511	1363722	6.46%	0.069%
193	9.287	9.274	9.291	HH	64170	651696	3.09%	0.033%
194	9.309	9.291	9.317	HH	70328	1018167	4.82%	0.051%

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195	9.333	9.317	9.349	HH	75776	1394167	6.60%	0.070%
196	9.392	9.349	9.413	HH	84372	2896461	13.72%	0.146%
197	9.429	9.413	9.448	HH	78792	1560504	7.39%	0.079%
198	9.474	9.448	9.489	HH	134473	2434036	11.53%	0.123%
199	9.498	9.489	9.524	HH	95976	1764278	8.36%	0.089%
200	9.553	9.524	9.583	HH	102543	3076857	14.57%	0.155%
201	9.590	9.583	9.605	HH	83722	1074430	5.09%	0.054%
202	9.631	9.605	9.644	HH	91048	1990319	9.43%	0.100%
203	9.655	9.644	9.687	HH	91770	2158510	10.22%	0.109%
204	9.693	9.687	9.696	HH	80071	442950	2.10%	0.022%
205	9.719	9.696	9.745	HH	85074	2404936	11.39%	0.121%
206	9.762	9.745	9.773	HH	80048	1319359	6.25%	0.067%
207	9.797	9.773	9.816	HH	106035	2408601	11.41%	0.121%
208	9.849	9.816	9.867	HH	104831	3022149	14.32%	0.152%
209	9.886	9.867	9.892	HH	111500	1538574	7.29%	0.078%
210	9.896	9.892	9.915	HH	112042	1477968	7.00%	0.074%
211	9.919	9.915	9.926	HH	99182	595996	2.82%	0.030%
212	9.937	9.926	9.953	HH	103542	1607112	7.61%	0.081%
213	9.965	9.953	9.971	HH	98514	1040426	4.93%	0.052%
214	9.987	9.971	10.024	HH	104260	3074339	14.56%	0.155%
215	10.058	10.024	10.087	HH	108079	3615091	17.12%	0.182%
216	10.094	10.087	10.100	HH	98499	801973	3.80%	0.040%
217	10.116	10.100	10.139	HH	100342	2241578	10.62%	0.113%
218	10.157	10.139	10.175	HH	108616	2186884	10.36%	0.110%
219	10.203	10.175	10.207	HH	104422	1868698	8.85%	0.094%
220	10.223	10.207	10.246	HH	112532	2519671	11.94%	0.127%
221	10.271	10.246	10.295	HH	152554	3721210	17.63%	0.188%
222	10.331	10.295	10.342	HH	128076	3299299	15.63%	0.166%
223	10.357	10.342	10.384	HH	134495	3082389	14.60%	0.155%
224	10.402	10.384	10.410	HH	130793	1940551	9.19%	0.098%
225	10.419	10.410	10.444	HH	129688	2390939	11.33%	0.121%
226	10.476	10.444	10.505	HH	126191	4353966	20.62%	0.219%
227	10.538	10.505	10.547	HH	136765	3220309	15.25%	0.162%
228	10.551	10.547	10.583	HH	135404	2750727	13.03%	0.139%
229	10.622	10.583	10.636	HH	151618	4295047	20.34%	0.216%
230	10.646	10.636	10.664	HH	149202	2369690	11.22%	0.119%
231	10.691	10.664	10.723	HH	185934	5620977	26.63%	0.283%
232	10.739	10.723	10.771	HH	143066	3919940	18.57%	0.198%
233	10.786	10.771	10.804	HH	134784	2634818	12.48%	0.133%
234	10.823	10.804	10.827	HH	140251	1862471	8.82%	0.094%
235	10.833	10.827	10.851	HH	142650	2018419	9.56%	0.102%
236	10.883	10.851	10.924	HH	217558	7088993	33.58%	0.357%
237	10.928	10.924	10.934	HH	136165	764848	3.62%	0.039%
238	10.957	10.934	10.992	HH	179350	5288353	25.05%	0.267%
239	11.017	10.992	11.040	HH	161361	4343674	20.57%	0.219%
240	11.046	11.040	11.052	HH	142309	1028494	4.87%	0.052%
241	11.057	11.052	11.065	HH	141551	1087937	5.15%	0.055%
242	11.074	11.065	11.083	HH	142526	1504614	7.13%	0.076%
243	11.105	11.083	11.127	HH	152071	3863736	18.30%	0.195%
244	11.151	11.127	11.160	HH	153079	3002195	14.22%	0.151%
245	11.193	11.160	11.213	HH	165783	4956125	23.48%	0.250%
246	11.235	11.213	11.257	HH	161753	4163743	19.72%	0.210%

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247	11.275	11.257	11.300	HH	169009	4338158	20.55%	0.219%
248	11.320	11.300	11.342	HH	174056	4127927	19.55%	0.208%
249	11.355	11.342	11.368	HH	169936	2612393	12.37%	0.132%
250	11.373	11.368	11.388	HH	164699	1917680	9.08%	0.097%
251	11.415	11.388	11.454	HH	219433	7226485	34.23%	0.364%
252	11.482	11.454	11.505	HH	182883	5193356	24.60%	0.262%
253	11.535	11.505	11.555	HH	172631	4894877	23.19%	0.247%
254	11.578	11.555	11.590	HH	173909	3563641	16.88%	0.180%
255	11.629	11.590	11.663	HH	178590	7511790	35.58%	0.379%
256	11.669	11.663	11.675	HH	167355	1149701	5.45%	0.058%
257	11.719	11.675	11.755	HH	193322	8536967	40.44%	0.430%
258	11.804	11.755	11.820	HH	206405	7181452	34.02%	0.362%
259	11.838	11.820	11.857	HH	207507	4271907	20.23%	0.215%
260	11.873	11.857	11.916	HH	209727	6978321	33.05%	0.352%
261	11.983	11.916	12.011	HH	222306	11378886	53.90%	0.574%
262	12.024	12.011	12.044	HH	195132	3835382	18.17%	0.193%
263	12.071	12.044	12.086	HH	196499	4808875	22.78%	0.242%
264	12.104	12.086	12.115	HH	198987	3358967	15.91%	0.169%
265	12.132	12.115	12.145	HH	212107	3647006	17.27%	0.184%
266	12.159	12.145	12.180	HH	205197	4243570	20.10%	0.214%
267	12.199	12.180	12.209	HH	208066	3376372	15.99%	0.170%
268	12.255	12.209	12.286	HH	281981	10303872	48.81%	0.519%
269	12.299	12.286	12.304	HH	204358	2241060	10.62%	0.113%
270	12.312	12.304	12.327	HH	206268	2724867	12.91%	0.137%
271	12.343	12.327	12.352	HH	202629	2994812	14.19%	0.151%
272	12.372	12.352	12.387	HH	214401	4385020	20.77%	0.221%
273	12.396	12.387	12.406	HH	207425	2396436	11.35%	0.121%
274	12.432	12.406	12.448	HH	218001	5212887	24.69%	0.263%
275	12.506	12.448	12.536	HH	230273	11336275	53.70%	0.571%
276	12.562	12.536	12.576	HH	233578	5254589	24.89%	0.265%
277	12.594	12.576	12.617	HH	253885	5886185	27.88%	0.297%
278	12.646	12.617	12.682	HH	233741	8755594	41.47%	0.441%
279	12.711	12.682	12.745	HH	357292	9828516	46.56%	0.495%
280	12.765	12.745	12.770	HH	228819	3411534	16.16%	0.172%
281	12.777	12.770	12.795	HH	226316	3329732	15.77%	0.168%
282	12.817	12.795	12.831	HH	221046	4668051	22.11%	0.235%
283	12.847	12.831	12.860	HH	226189	3880087	18.38%	0.196%
284	12.872	12.860	12.882	HH	223716	2987320	14.15%	0.151%
285	12.906	12.882	12.910	HH	225128	3725470	17.65%	0.188%
286	12.923	12.910	12.940	HH	227517	4029452	19.09%	0.203%
287	12.967	12.940	12.987	HH	230251	6298236	29.83%	0.317%
288	13.011	12.987	13.051	HH	347990	10027118	47.50%	0.505%
289	13.069	13.051	13.080	HH	239552	4088878	19.37%	0.206%
290	13.100	13.080	13.117	HH	253056	5385670	25.51%	0.271%
291	13.144	13.117	13.167	HH	254744	7266401	34.42%	0.366%
292	13.193	13.167	13.207	HH	254685	5947882	28.17%	0.300%
293	13.223	13.207	13.242	HH	243142	4997714	23.67%	0.252%
294	13.288	13.242	13.295	HH	248730	7593112	35.97%	0.383%
295	13.302	13.295	13.322	HH	251231	3947234	18.70%	0.199%
296	13.347	13.322	13.379	HH	249843	8222996	38.95%	0.414%
297	13.383	13.379	13.387	HH	237480	1178888	5.58%	0.059%
298	13.407	13.387	13.416	HH	245739	4118516	19.51%	0.208%
299	13.432	13.416	13.455	HH	253237	5823560	27.58%	0.294%

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300	13.484	13.455	13.501	HH	266979	6853147	32.46%	0.345%
301	13.518	13.501	13.532	HH	248690	4621387	21.89%	0.233%
302	13.543	13.532	13.550	HH	242174	2633926	12.48%	0.133%
303	13.601	13.550	13.622	HH	279762	11058725	52.38%	0.557%
304	13.635	13.622	13.652	HH	251025	4403672	20.86%	0.222%
305	13.671	13.652	13.675	HH	255566	3500868	16.58%	0.176%
306	13.704	13.675	13.724	HH	267095	7513654	35.59%	0.379%
307	13.728	13.724	13.733	HH	248092	1398915	6.63%	0.071%
308	13.754	13.733	13.773	HH	272890	6195151	29.34%	0.312%
309	13.778	13.773	13.787	HH	258163	2267817	10.74%	0.114%
310	13.794	13.787	13.814	HH	256135	3963677	18.77%	0.200%
311	13.833	13.814	13.865	HH	259380	7823099	37.06%	0.394%
312	13.877	13.865	13.908	HH	259906	6566625	31.10%	0.331%
313	13.919	13.908	13.950	HH	261094	6335299	30.01%	0.319%
314	13.984	13.950	14.037	HH	257202	12866425	60.94%	0.649%
315	14.075	14.037	14.106	HH	264181	10506789	49.77%	0.530%
316	14.150	14.106	14.184	HH	264234	11701600	55.43%	0.590%
317	14.190	14.184	14.196	HH	248354	1784310	8.45%	0.090%
318	14.201	14.196	14.205	HH	249107	1437219	6.81%	0.072%
319	14.227	14.205	14.266	HH	265297	9281949	43.97%	0.468%
320	14.276	14.266	14.280	HH	249832	2114724	10.02%	0.107%
321	14.317	14.280	14.329	HH	265913	7516606	35.60%	0.379%
322	14.340	14.329	14.350	HH	257402	3266571	15.47%	0.165%
323	14.366	14.350	14.387	HH	260106	5537416	26.23%	0.279%
324	14.410	14.387	14.431	HH	258852	6556456	31.06%	0.330%
325	14.445	14.431	14.455	HH	249191	3671563	17.39%	0.185%
326	14.469	14.455	14.493	HH	261167	5777941	27.37%	0.291%
327	14.528	14.493	14.565	HH	265454	10989305	52.05%	0.554%
328	14.582	14.565	14.603	HH	261323	5774805	27.35%	0.291%
329	14.629	14.603	14.634	HH	245110	4472276	21.18%	0.225%
330	14.640	14.634	14.651	HH	247329	2423734	11.48%	0.122%
331	14.667	14.651	14.715	HH	252448	9544042	45.21%	0.481%
332	14.746	14.715	14.777	HH	440733	11729131	55.56%	0.591%
333	14.788	14.777	14.819	HH	245682	5991670	28.38%	0.302%
334	14.823	14.819	14.827	HH	239357	1191256	5.64%	0.060%
335	14.847	14.827	14.867	HH	258811	5960109	28.23%	0.300%
336	14.896	14.867	14.916	HH	284083	7545281	35.74%	0.380%
337	14.939	14.916	14.968	HH	300309	8235988	39.01%	0.415%
338	14.983	14.968	14.999	HH	248099	4464560	21.15%	0.225%
339	15.012	14.999	15.032	HH	243538	4749208	22.50%	0.239%
340	15.040	15.032	15.055	HH	240039	3310931	15.68%	0.167%
341	15.090	15.055	15.116	HH	248275	8823120	41.79%	0.445%
342	15.133	15.116	15.154	HH	233612	5267908	24.95%	0.266%
343	15.159	15.154	15.165	HH	231215	1502692	7.12%	0.076%
344	15.174	15.165	15.178	HH	235709	1810692	8.58%	0.091%
345	15.202	15.178	15.231	HH	246380	7568054	35.85%	0.381%
346	15.237	15.231	15.247	HH	238035	2338798	11.08%	0.118%
347	15.278	15.247	15.301	HH	242531	7619923	36.09%	0.384%
348	15.329	15.301	15.369	HH	338310	10915203	51.70%	0.550%
349	15.376	15.369	15.408	HH	239581	5565709	26.36%	0.281%
350	15.419	15.408	15.432	HH	233677	3329512	15.77%	0.168%
351	15.451	15.432	15.455	HH	229743	3126108	14.81%	0.158%

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352	15.472	15.455	15.477	HH	240795	3144503	14.89%	0.158%
353	15.489	15.477	15.500	HH	242513	3330332	15.77%	0.168%
354	15.513	15.500	15.530	HH	242208	4290879	20.32%	0.216%
355	15.545	15.530	15.555	HH	238724	3410685	16.16%	0.172%
356	15.572	15.555	15.593	HH	248033	5402242	25.59%	0.272%
357	15.614	15.593	15.631	HH	232780	5237198	24.81%	0.264%
358	15.635	15.631	15.659	HH	225282	3775704	17.88%	0.190%
359	15.676	15.659	15.693	HH	226231	4570627	21.65%	0.230%
360	15.728	15.693	15.762	HH	239252	9623113	45.58%	0.485%
361	15.779	15.762	15.825	HH	238214	8814205	41.75%	0.444%
362	15.851	15.825	15.870	HH	229332	6099011	28.89%	0.307%
363	15.877	15.870	15.882	HH	226377	1552863	7.36%	0.078%
364	15.886	15.882	15.910	HH	226743	3821985	18.10%	0.193%
365	15.938	15.910	15.952	HH	229323	5600192	26.53%	0.282%
366	15.971	15.952	15.984	HH	234389	4266666	20.21%	0.215%
367	16.004	15.984	16.028	HH	235953	6114791	28.96%	0.308%
368	16.033	16.028	16.054	HH	227424	3408697	16.15%	0.172%
369	16.071	16.054	16.089	HH	224639	4648398	22.02%	0.234%
370	16.104	16.089	16.110	HH	220180	2740838	12.98%	0.138%
371	16.142	16.110	16.147	HH	225426	4963295	23.51%	0.250%
372	16.174	16.147	16.209	HH	259005	8911655	42.21%	0.449%
373	16.211	16.209	16.230	HH	230464	2915898	13.81%	0.147%
374	16.246	16.230	16.252	HH	233655	2979060	14.11%	0.150%
375	16.280	16.252	16.301	HH	247545	7113225	33.69%	0.359%
376	16.313	16.301	16.325	HH	233745	3340439	15.82%	0.168%
377	16.344	16.325	16.394	HH	262603	9915214	46.97%	0.500%
378	16.431	16.394	16.439	HH	235911	6239948	29.56%	0.315%
379	16.462	16.439	16.484	HH	303297	7226171	34.23%	0.364%
380	16.488	16.484	16.519	HH	251168	5017008	23.76%	0.253%
381	16.566	16.519	16.572	HH	241482	7242812	34.31%	0.365%
382	16.590	16.572	16.596	HH	254152	3635364	17.22%	0.183%
383	16.610	16.596	16.649	HH	255980	7878582	37.32%	0.397%
384	16.683	16.649	16.703	HH	248727	7892672	37.39%	0.398%
385	16.711	16.703	16.718	HH	249248	2163783	10.25%	0.109%
386	16.745	16.718	16.750	HH	251426	4745828	22.48%	0.239%
387	16.785	16.750	16.819	HH	291509	10966541	51.95%	0.553%
388	16.843	16.819	16.869	HH	266489	7504256	35.55%	0.378%
389	16.873	16.869	16.882	HH	241989	1836539	8.70%	0.093%
390	16.899	16.882	16.907	HH	253550	3797486	17.99%	0.191%
391	16.926	16.907	16.933	HH	266305	3984899	18.88%	0.201%
392	16.957	16.933	16.979	HH	297917	7578685	35.90%	0.382%
393	16.998	16.979	17.013	HH	262231	5266464	24.95%	0.265%
394	17.026	17.013	17.040	HH	264241	4268772	20.22%	0.215%
395	17.045	17.040	17.049	HH	257032	1387032	6.57%	0.070%
396	17.056	17.049	17.074	HH	261674	3781807	17.91%	0.191%
397	17.077	17.074	17.092	HH	255707	2796425	13.25%	0.141%
398	17.115	17.092	17.122	HH	267298	4694858	22.24%	0.237%
399	17.160	17.122	17.171	HH	290487	8166006	38.68%	0.412%
400	17.181	17.171	17.227	HH	293646	9173626	43.45%	0.462%
401	17.253	17.227	17.271	HH	289293	7335796	34.75%	0.370%
402	17.277	17.271	17.295	HH	274240	3842390	18.20%	0.194%
403	17.308	17.295	17.317	HH	270065	3499460	16.58%	0.176%
404	17.330	17.317	17.335	HH	275112	3012762	14.27%	0.152%

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405	17.339	17.335	17.343	HH	274193	1182137	5.60%	0.060%
406	17.362	17.343	17.390	HH	289863	7969514	37.75%	0.402%
407	17.420	17.390	17.441	HH	287708	8414137	39.86%	0.424%
408	17.460	17.441	17.482	HH	286865	6686790	31.67%	0.337%
409	17.506	17.482	17.538	HH	300360	9646351	45.69%	0.486%
410	17.558	17.538	17.574	HH	276144	5761634	27.29%	0.290%
411	17.594	17.574	17.610	HH	282723	6068155	28.74%	0.306%
412	17.615	17.610	17.639	HH	271131	4602035	21.80%	0.232%
413	17.679	17.639	17.697	HH	281142	9625846	45.60%	0.485%
414	17.728	17.697	17.747	HH	295146	8491438	40.22%	0.428%
415	17.760	17.747	17.772	HH	286704	4328933	20.51%	0.218%
416	17.821	17.772	17.853	HH	313326	14515388	68.76%	0.732%
417	17.874	17.853	17.889	HH	296708	6187924	29.31%	0.312%
418	17.899	17.889	17.917	HH	288523	4706731	22.29%	0.237%
419	17.943	17.917	17.948	HH	301109	5455114	25.84%	0.275%
420	17.977	17.948	18.048	HH	351939	18939288	89.71%	0.955%
421	18.070	18.048	18.082	HH	296576	5955596	28.21%	0.300%
422	18.121	18.082	18.149	HH	309000	12070619	57.18%	0.608%
423	18.180	18.149	18.207	HH	356839	11410766	54.05%	0.575%
424	18.222	18.207	18.270	HH	321045	11517690	54.56%	0.581%
425	18.277	18.270	18.280	HH	292659	1809170	8.57%	0.091%
426	18.316	18.280	18.322	HH	320038	7776742	36.84%	0.392%
427	18.345	18.322	18.380	HH	405625	11832759	56.05%	0.596%
428	18.386	18.380	18.400	HH	309503	3557633	16.85%	0.179%
429	18.418	18.400	18.424	HH	303449	4430591	20.99%	0.223%
430	18.432	18.424	18.445	HH	303879	3834876	18.16%	0.193%
431	18.478	18.445	18.487	HH	323360	7788601	36.89%	0.393%
432	18.491	18.487	18.532	HH	321217	8437764	39.97%	0.425%
433	18.544	18.532	18.565	HH	322737	6255648	29.63%	0.315%
434	18.572	18.565	18.582	HH	307963	3063615	14.51%	0.154%
435	18.607	18.582	18.620	HH	315161	7106861	33.66%	0.358%
436	18.643	18.620	18.669	HH	332852	9455548	44.79%	0.477%
437	18.685	18.669	18.711	HH	323470	7943981	37.63%	0.400%
438	18.723	18.711	18.727	HH	321271	2970338	14.07%	0.150%
439	18.731	18.727	18.737	HH	319824	1907290	9.03%	0.096%
440	18.769	18.737	18.793	HH	358341	11188798	53.00%	0.564%
441	18.818	18.793	18.870	HH	354572	15340225	72.66%	0.773%
442	18.886	18.870	18.891	HH	320751	3905477	18.50%	0.197%
443	18.917	18.891	18.923	HH	333768	6186929	29.31%	0.312%
444	18.953	18.923	18.971	HH	341601	9615743	45.55%	0.485%
445	18.983	18.971	18.986	HH	337902	3177508	15.05%	0.160%
446	18.991	18.986	18.994	HH	338158	1482056	7.02%	0.075%
447	19.022	18.994	19.037	HH	367416	9165624	43.42%	0.462%
448	19.052	19.037	19.057	HH	355332	4186925	19.83%	0.211%
449	19.062	19.057	19.080	HH	357652	4990372	23.64%	0.252%
450	19.097	19.080	19.125	HH	364453	9562600	45.30%	0.482%
451	19.128	19.125	19.133	HH	339410	1445630	6.85%	0.073%
452	19.166	19.133	19.195	HH	352109	12800785	60.63%	0.645%
453	19.204	19.195	19.210	HH	333084	2978814	14.11%	0.150%
454	19.256	19.210	19.270	HH	359391	12167905	57.64%	0.613%
455	19.280	19.270	19.295	HH	348551	5129412	24.30%	0.259%
456	19.313	19.295	19.327	HH	348299	6739002	31.92%	0.340%

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rteres								
457	19.337	19.327	19.342	HH	354798	3159876	14.97%	0.159%
458	19.361	19.342	19.369	HH	358627	5696848	26.98%	0.287%
459	19.376	19.369	19.399	HH	354787	6317826	29.93%	0.318%
460	19.405	19.399	19.415	HH	349887	3457532	16.38%	0.174%
461	19.420	19.415	19.424	HH	349430	1742347	8.25%	0.088%
462	19.473	19.424	19.503	HH	399136	17931328	84.94%	0.904%
463	19.510	19.503	19.519	HH	355155	3246548	15.38%	0.164%
464	19.539	19.519	19.544	HH	359851	5435114	25.74%	0.274%
465	19.574	19.544	19.608	HH	383460	14105776	66.82%	0.711%
466	19.634	19.608	19.645	HH	372291	8065148	38.20%	0.407%
467	19.648	19.645	19.656	HH	370998	2222145	10.53%	0.112%
468	19.669	19.656	19.683	HH	371670	6056905	28.69%	0.305%
469	19.721	19.683	19.735	HH	387970	11756825	55.69%	0.593%
470	19.750	19.735	19.768	HH	382727	7408946	35.09%	0.373%
471	19.776	19.768	19.780	HH	375822	2652629	12.56%	0.134%
472	19.813	19.780	19.822	HH	402904	9877534	46.79%	0.498%
473	19.839	19.822	19.847	HH	402420	5909335	27.99%	0.298%
474	19.876	19.847	19.936	HH	425066	21111556	100.00%	1.064%
475	19.959	19.936	19.978	HH	395917	9582396	45.39%	0.483%
476	19.997	19.978	20.012	HH	396330	8071750	38.23%	0.407%
477	20.031	20.012	20.040	HH	405852	6705337	31.76%	0.338%
478	20.046	20.040	20.066	HH	402828	6315645	29.92%	0.318%
479	20.089	20.066	20.098	HH	406715	7635851	36.17%	0.385%
480	20.110	20.098	20.124	HH	408446	6258413	29.64%	0.315%
481	20.135	20.124	20.157	HH	412983	8107623	38.40%	0.409%
482	20.165	20.157	20.188	HH	404930	7347901	34.81%	0.370%
483	20.197	20.188	20.205	HH	390275	3885195	18.40%	0.196%
484	20.223	20.205	20.227	HH	404051	5285972	25.04%	0.266%
485	20.234	20.227	20.239	HH	408216	2824726	13.38%	0.142%
486	20.253	20.239	20.257	HH	416616	4570770	21.65%	0.230%
487	20.270	20.257	20.278	HH	421868	5055733	23.95%	0.255%
488	20.282	20.278	20.306	HH	419963	7145957	33.85%	0.360%
489	20.312	20.306	20.323	HH	414645	4183725	19.82%	0.211%
490	20.359	20.323	20.398	HH	444941	19130367	90.62%	0.964%
491	20.408	20.398	20.427	HH	418141	7120458	33.73%	0.359%
492	20.432	20.427	20.438	HH	404584	2574168	12.19%	0.130%
493	20.449	20.438	20.490	HH	411644	12400869	58.74%	0.625%
494	20.496	20.490	20.501	HH	383977	2582015	12.23%	0.130%
495	20.515	20.501	20.520	HH	394415	4502783	21.33%	0.227%
496	20.534	20.520	20.545	HH	394756	5815034	27.54%	0.293%
497	20.552	20.545	20.599	HH	393145	12469809	59.07%	0.629%
498	20.607	20.599	20.636	HH	379738	8247777	39.07%	0.416%
499	20.654	20.636	20.660	HH	382148	5252806	24.88%	0.265%
500	20.681	20.660	20.722	HH	388482	14135816	66.96%	0.713%
501	20.782	20.722	20.787	HH	381634	14367547	68.06%	0.724%
502	20.807	20.787	20.819	HH	385268	7308924	34.62%	0.368%
503	20.824	20.819	20.844	HH	381224	5568431	26.38%	0.281%
504	20.850	20.844	20.875	HH	367611	6588997	31.21%	0.332%
505	20.889	20.875	20.950	HH	363862	15714037	74.43%	0.792%
506	20.958	20.950	20.983	HH	332286	6366183	30.15%	0.321%
507	20.990	20.983	20.995	HH	324079	2479995	11.75%	0.125%
508	21.001	20.995	21.007	HH	323030	2205355	10.45%	0.111%
509	21.035	21.007	21.058	HH	331587	9979760	47.27%	0.503%

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510	21.097	21.058	21.113	HH	332310	10723561	50.79%	0.541%
511	21.139	21.113	21.158	HH	335450	9031014	42.78%	0.455%
512	21.165	21.158	21.170	HH	329903	2418023	11.45%	0.122%
513	21.176	21.170	21.185	HH	327870	2862385	13.56%	0.144%
514	21.199	21.185	21.209	HH	327155	4593036	21.76%	0.232%
515	21.216	21.209	21.254	HH	322747	8562066	40.56%	0.432%
516	21.260	21.254	21.298	HH	307914	8000952	37.90%	0.403%
517	21.306	21.298	21.311	HH	291400	2132330	10.10%	0.107%
518	21.325	21.311	21.333	HH	291651	3911529	18.53%	0.197%
519	21.339	21.333	21.344	HH	291849	1822638	8.63%	0.092%
520	21.354	21.344	21.360	HH	294912	2759018	13.07%	0.139%
521	21.373	21.360	21.412	HH	300163	9313432	44.12%	0.469%
522	21.418	21.412	21.423	HH	296319	1987702	9.42%	0.100%
523	21.429	21.423	21.436	HH	295996	2272914	10.77%	0.115%
524	21.440	21.436	21.447	HH	293835	1885682	8.93%	0.095%
525	21.452	21.447	21.467	HH	292086	3463783	16.41%	0.175%
526	21.500	21.467	21.521	HH	295287	9319392	44.14%	0.470%
527	21.525	21.521	21.538	HH	284542	2993194	14.18%	0.151%
528	21.545	21.538	21.551	HH	285141	2182606	10.34%	0.110%
529	21.561	21.551	21.582	HH	286623	5274086	24.98%	0.266%
530	21.587	21.582	21.602	HH	284041	3329310	15.77%	0.168%
531	21.612	21.602	21.629	HH	277215	4400363	20.84%	0.222%
532	21.635	21.629	21.648	HH	270173	2998496	14.20%	0.151%
533	21.653	21.648	21.685	HH	263343	5853344	27.73%	0.295%
534	21.691	21.685	21.695	HH	258769	1474195	6.98%	0.074%
535	21.702	21.695	21.709	HH	263655	2215726	10.50%	0.112%
536	21.717	21.709	21.732	HH	262050	3622821	17.16%	0.183%
537	21.748	21.732	21.757	HH	263906	3916575	18.55%	0.197%
538	21.763	21.757	21.768	HH	263359	1674433	7.93%	0.084%
539	21.772	21.768	21.792	HH	262536	3748520	17.76%	0.189%
540	21.798	21.792	21.804	HH	261833	1877353	8.89%	0.095%
541	21.814	21.804	21.821	HH	262957	2686837	12.73%	0.135%
542	21.838	21.821	21.849	HH	266062	4403497	20.86%	0.222%
543	21.864	21.849	21.902	HH	263983	8209362	38.89%	0.414%
544	21.906	21.902	21.937	HH	255343	5278625	25.00%	0.266%
545	21.943	21.937	21.951	HH	243248	1953379	9.25%	0.098%
546	21.956	21.951	21.960	HHA	242640	1557888	7.38%	0.079%
Sum of corrected areas:					1983949283			

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