

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011718\
Data File : FE025658.D
Signal(s) : FID1B.CH
Acq On : 17 Jan 2018 19:01
Sample : J1163-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE010418.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.478	2.462	2.567	BH	71664	638932	7.14%	0.161%
2	2.575	2.567	2.597	HH	448	5381	0.06%	0.001%
3	2.602	2.597	2.612	HH	417	2448	0.03%	0.001%
4	2.616	2.612	2.627	HH	295	1686	0.02%	0.000%
5	2.636	2.627	2.656	HH	147	1654	0.02%	0.000%
6	2.662	2.656	2.670	PH	322	1224	0.01%	0.000%
7	2.679	2.670	2.690	HH	208	1854	0.02%	0.000%
8	2.701	2.690	2.706	HH	388	2438	0.03%	0.001%
9	2.710	2.706	2.720	HH	327	1760	0.02%	0.000%
10	2.729	2.720	2.736	HH	612	3729	0.04%	0.001%
11	2.748	2.736	2.766	HH	592	8116	0.09%	0.002%
12	2.772	2.766	2.797	HH	465	6824	0.08%	0.002%
13	2.806	2.797	2.815	HH	355	2794	0.03%	0.001%
14	2.819	2.815	2.823	HH	276	1171	0.01%	0.000%
15	2.834	2.823	2.845	HH	424	3935	0.04%	0.001%
16	2.848	2.845	2.852	HH	362	1211	0.01%	0.000%
17	2.856	2.852	2.882	HH	392	5848	0.07%	0.001%
18	2.894	2.882	2.917	HH	356	6144	0.07%	0.002%
19	2.927	2.917	2.945	HH	571	5493	0.06%	0.001%
20	2.969	2.945	2.977	HH	544	7245	0.08%	0.002%
21	2.981	2.977	2.993	HH	457	4013	0.04%	0.001%
22	3.011	2.993	3.019	HH	618	7575	0.08%	0.002%
23	3.041	3.019	3.062	HH	664	12802	0.14%	0.003%
24	3.065	3.062	3.072	HH	591	2961	0.03%	0.001%
25	3.089	3.072	3.112	HH	663	13354	0.15%	0.003%
26	3.127	3.112	3.133	HH	709	7460	0.08%	0.002%
27	3.171	3.133	3.184	HH	857	20714	0.23%	0.005%
28	3.188	3.184	3.204	HH	787	8236	0.09%	0.002%
29	3.207	3.204	3.212	HH	728	3526	0.04%	0.001%
30	3.241	3.212	3.288	HH	878	34463	0.39%	0.009%
31	3.296	3.288	3.306	HH	878	8332	0.09%	0.002%
32	3.310	3.306	3.332	HH	872	11832	0.13%	0.003%
33	3.363	3.332	3.376	HH	1053	22735	0.25%	0.006%
34	3.393	3.376	3.402	HH	987	13817	0.15%	0.003%
35	3.408	3.402	3.418	HH	972	8121	0.09%	0.002%
36	3.429	3.418	3.451	HH	981	17980	0.20%	0.005%

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37	3.456	3.451	3.462	HH	1018	6411	0.07%	0.002%
38	3.475	3.462	3.481	HH	1106	11188	0.13%	0.003%
39	3.491	3.481	3.503	HH	1207	13959	0.16%	0.004%
40	3.508	3.503	3.512	HH	1252	6412	0.07%	0.002%
41	3.533	3.512	3.546	HH	1270	23574	0.26%	0.006%
42	3.557	3.546	3.570	HH	1325	17353	0.19%	0.004%
43	3.583	3.570	3.588	HH	1241	12815	0.14%	0.003%
44	3.598	3.588	3.605	HH	1214	11753	0.13%	0.003%
45	3.629	3.605	3.641	HH	1341	25628	0.29%	0.006%
46	3.645	3.641	3.668	HH	1302	19951	0.22%	0.005%
47	3.675	3.668	3.680	HH	1311	8201	0.09%	0.002%
48	3.686	3.680	3.701	HH	1307	15610	0.17%	0.004%
49	3.721	3.701	3.729	HH	1403	20607	0.23%	0.005%
50	3.740	3.729	3.747	HH	1403	14569	0.16%	0.004%
51	3.765	3.747	3.773	HH	1452	20063	0.22%	0.005%
52	3.778	3.773	3.785	HH	1450	9912	0.11%	0.002%
53	3.795	3.785	3.801	HH	1453	13341	0.15%	0.003%
54	3.813	3.801	3.823	HH	1460	18417	0.21%	0.005%
55	3.828	3.823	3.860	HH	1418	31277	0.35%	0.008%
56	3.866	3.860	3.885	HH	1525	21279	0.24%	0.005%
57	3.901	3.885	3.906	HH	1493	18064	0.20%	0.005%
58	3.910	3.906	3.921	HH	1381	12197	0.14%	0.003%
59	3.939	3.921	3.946	HH	1553	21551	0.24%	0.005%
60	3.954	3.946	3.965	HH	1619	16035	0.18%	0.004%
61	3.986	3.965	3.996	HH	1594	28060	0.31%	0.007%
62	4.001	3.996	4.014	HH	1629	16230	0.18%	0.004%
63	4.020	4.014	4.032	HH	1627	15981	0.18%	0.004%
64	4.053	4.032	4.065	HH	1705	31574	0.35%	0.008%
65	4.073	4.065	4.080	HH	1619	15207	0.17%	0.004%
66	4.089	4.080	4.100	HH	1648	19043	0.21%	0.005%
67	4.108	4.100	4.113	HH	1786	12534	0.14%	0.003%
68	4.142	4.113	4.148	HH	1832	36413	0.41%	0.009%
69	4.162	4.148	4.183	HH	1913	37740	0.42%	0.009%
70	4.222	4.183	4.343	HH	8851	477957	5.34%	0.120%
71	4.348	4.343	4.393	HH	3430	95552	1.07%	0.024%
72	4.404	4.393	4.431	HH	3156	67024	0.75%	0.017%
73	4.437	4.431	4.445	HH	2917	23703	0.26%	0.006%
74	4.453	4.445	4.463	HH	2964	31415	0.35%	0.008%
75	4.468	4.463	4.496	HH	2898	54927	0.61%	0.014%
76	4.501	4.496	4.515	HH	2742	29343	0.33%	0.007%
77	4.517	4.515	4.537	HH	2765	36110	0.40%	0.009%
78	4.565	4.537	4.657	HH	127119	1316576	14.72%	0.331%
79	4.661	4.657	4.666	HH	2867	14942	0.17%	0.004%
80	4.673	4.666	4.683	HH	2928	30070	0.34%	0.008%
81	4.689	4.683	4.698	HH	2797	23921	0.27%	0.006%
82	4.711	4.698	4.722	HH	2748	39534	0.44%	0.010%
83	4.740	4.722	4.776	HH	3154	93166	1.04%	0.023%
84	4.784	4.776	4.791	HH	2884	25578	0.29%	0.006%
85	4.796	4.791	4.811	HH	2867	31616	0.35%	0.008%
86	4.818	4.811	4.830	HH	2807	31164	0.35%	0.008%
87	4.835	4.830	4.841	HH	2748	18377	0.21%	0.005%
88	4.857	4.841	4.865	HH	2796	39309	0.44%	0.010%
89	4.878	4.865	4.893	HH	2768	44365	0.50%	0.011%

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90	4.898	4.893	4.904	HH	2708	18244	0.20%	0.005%
91	4.910	4.904	4.919	HH	2775	24828	0.28%	0.006%
92	4.926	4.919	4.932	HH	2719	19754	0.22%	0.005%
93	4.935	4.932	4.939	HH	2700	11847	0.13%	0.003%
94	4.951	4.939	4.961	HH	2811	35745	0.40%	0.009%
95	4.969	4.961	4.985	HH	2735	37177	0.42%	0.009%
96	4.988	4.985	4.993	HH	2793	13463	0.15%	0.003%
97	5.001	4.993	5.013	HH	2853	32877	0.37%	0.008%
98	5.029	5.013	5.042	HH	2908	47606	0.53%	0.012%
99	5.049	5.042	5.074	HH	2886	53311	0.60%	0.013%
100	5.114	5.074	5.140	HH	2863	108545	1.21%	0.027%
101	5.145	5.140	5.156	HH	2851	28090	0.31%	0.007%
102	5.180	5.156	5.192	HH	3167	63711	0.71%	0.016%
103	5.196	5.192	5.209	HH	3086	31117	0.35%	0.008%
104	5.216	5.209	5.230	HH	3036	36458	0.41%	0.009%
105	5.234	5.230	5.239	HH	3009	16855	0.19%	0.004%
106	5.247	5.239	5.254	HH	3159	28126	0.31%	0.007%
107	5.261	5.254	5.273	HH	3060	33388	0.37%	0.008%
108	5.290	5.273	5.295	HH	3206	39206	0.44%	0.010%
109	5.300	5.295	5.311	HH	3196	29802	0.33%	0.007%
110	5.320	5.311	5.330	HH	3173	35776	0.40%	0.009%
111	5.339	5.330	5.351	HH	3201	40155	0.45%	0.010%
112	5.355	5.351	5.361	HH	3214	18899	0.21%	0.005%
113	5.370	5.361	5.398	HH	3139	66894	0.75%	0.017%
114	5.407	5.398	5.421	HH	3189	43255	0.48%	0.011%
115	5.438	5.421	5.443	HH	3204	39842	0.45%	0.010%
116	5.458	5.443	5.463	HH	3213	38277	0.43%	0.010%
117	5.486	5.463	5.507	HH	3337	85314	0.95%	0.021%
118	5.520	5.507	5.527	HH	3305	39583	0.44%	0.010%
119	5.534	5.527	5.539	HH	3410	22789	0.25%	0.006%
120	5.547	5.539	5.551	HH	3401	23093	0.26%	0.006%
121	5.556	5.551	5.563	HH	3400	25355	0.28%	0.006%
122	5.568	5.563	5.582	HH	3411	37088	0.41%	0.009%
123	5.608	5.582	5.623	HH	3663	85941	0.96%	0.022%
124	5.627	5.623	5.635	HH	3470	24494	0.27%	0.006%
125	5.646	5.635	5.655	HH	3406	39329	0.44%	0.010%
126	5.661	5.655	5.676	HH	3540	43424	0.49%	0.011%
127	5.681	5.676	5.692	HH	3439	32165	0.36%	0.008%
128	5.698	5.692	5.703	HH	3490	23711	0.27%	0.006%
129	5.723	5.703	5.743	HH	3628	83449	0.93%	0.021%
130	5.747	5.743	5.752	HH	3554	17840	0.20%	0.004%
131	5.773	5.752	5.786	HH	3643	72069	0.81%	0.018%
132	5.796	5.786	5.815	HH	3683	62884	0.70%	0.016%
133	5.833	5.815	5.851	HH	3697	75683	0.85%	0.019%
134	5.898	5.851	5.908	HH	3780	125794	1.41%	0.032%
135	5.912	5.908	5.928	HH	3760	45097	0.50%	0.011%
136	5.938	5.928	5.950	HH	3909	48978	0.55%	0.012%
137	5.962	5.950	5.987	HH	4055	86639	0.97%	0.022%
138	5.994	5.987	6.021	HH	3947	80686	0.90%	0.020%
139	6.034	6.021	6.049	HH	3923	63563	0.71%	0.016%
140	6.060	6.049	6.066	HH	3976	41240	0.46%	0.010%
141	6.071	6.066	6.086	HH	3932	45785	0.51%	0.012%

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142	6.098	6.086	6.103	HH	3901	39452	0.44%	0.010%
143	6.108	6.103	6.114	HH	3875	24595	0.27%	0.006%
144	6.128	6.114	6.147	HH	4021	78683	0.88%	0.020%
145	6.161	6.147	6.176	HH	4217	69738	0.78%	0.018%
146	6.187	6.176	6.203	HH	4151	65622	0.73%	0.016%
147	6.219	6.203	6.236	HH	4225	82001	0.92%	0.021%
148	6.296	6.236	6.323	HH	7418	247731	2.77%	0.062%
149	6.328	6.323	6.335	HH	4331	29821	0.33%	0.007%
150	6.340	6.335	6.348	HH	4221	32022	0.36%	0.008%
151	6.352	6.348	6.361	HH	4208	32290	0.36%	0.008%
152	6.365	6.361	6.375	HH	4224	36775	0.41%	0.009%
153	6.386	6.375	6.394	HH	4276	47971	0.54%	0.012%
154	6.399	6.394	6.413	HH	4321	47104	0.53%	0.012%
155	6.429	6.413	6.443	HH	4416	77461	0.87%	0.019%
156	6.447	6.443	6.450	HH	4343	17961	0.20%	0.005%
157	6.455	6.450	6.465	HH	4461	38675	0.43%	0.010%
158	6.491	6.465	6.510	HH	4471	118365	1.32%	0.030%
159	6.520	6.510	6.525	HH	4504	40959	0.46%	0.010%
160	6.534	6.525	6.539	HH	4542	38740	0.43%	0.010%
161	6.546	6.539	6.555	HH	4570	40932	0.46%	0.010%
162	6.584	6.555	6.663	HH	131956	1595549	17.83%	0.401%
163	6.668	6.663	6.703	HH	5957	137776	1.54%	0.035%
164	6.706	6.703	6.724	HH	5588	70838	0.79%	0.018%
165	6.731	6.724	6.761	HH	5581	119732	1.34%	0.030%
166	6.768	6.761	6.783	HH	5310	67741	0.76%	0.017%
167	6.790	6.783	6.795	HH	5060	34873	0.39%	0.009%
168	6.805	6.795	6.809	HH	5209	45608	0.51%	0.011%
169	6.813	6.809	6.818	HH	5153	26025	0.29%	0.007%
170	6.826	6.818	6.831	HH	5120	40547	0.45%	0.010%
171	6.838	6.831	6.844	HH	5181	37742	0.42%	0.009%
172	6.846	6.844	6.855	HH	5084	34334	0.38%	0.009%
173	6.895	6.855	6.973	HH	6928	417985	4.67%	0.105%
174	6.979	6.973	7.005	HH	5398	98992	1.11%	0.025%
175	7.007	7.005	7.023	HH	5287	57562	0.64%	0.014%
176	7.028	7.023	7.048	HH	5295	78457	0.88%	0.020%
177	7.056	7.048	7.064	HH	5316	50270	0.56%	0.013%
178	7.096	7.064	7.102	HH	5603	122249	1.37%	0.031%
179	7.108	7.102	7.122	HH	5600	66631	0.74%	0.017%
180	7.126	7.122	7.140	HH	5472	60233	0.67%	0.015%
181	7.159	7.140	7.180	HH	5462	126548	1.41%	0.032%
182	7.184	7.180	7.196	HH	5504	54198	0.61%	0.014%
183	7.204	7.196	7.228	HH	5508	103108	1.15%	0.026%
184	7.246	7.228	7.252	HH	5503	78489	0.88%	0.020%
185	7.263	7.252	7.276	HH	5556	78305	0.88%	0.020%
186	7.295	7.276	7.311	HH	5943	118015	1.32%	0.030%
187	7.317	7.311	7.325	HH	5586	44534	0.50%	0.011%
188	7.328	7.325	7.335	HH	5511	34220	0.38%	0.009%
189	7.344	7.335	7.350	HH	5561	51070	0.57%	0.013%
190	7.360	7.350	7.374	HH	5756	80780	0.90%	0.020%
191	7.386	7.374	7.401	HH	5590	86808	0.97%	0.022%
192	7.407	7.401	7.418	HH	5692	57500	0.64%	0.014%
193	7.422	7.418	7.453	HH	5690	119341	1.33%	0.030%
194	7.469	7.453	7.484	HH	5826	108402	1.21%	0.027%

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195	7.500	7.484	7.504	HH	5822	68004	0.76%	0.017%
196	7.519	7.504	7.545	HH	6271	142511	1.59%	0.036%
197	7.549	7.545	7.585	HH	5810	137035	1.53%	0.034%
198	7.616	7.585	7.623	HH	5690	129827	1.45%	0.033%
199	7.630	7.623	7.642	HH	5800	65009	0.73%	0.016%
200	7.652	7.642	7.663	HH	5797	71438	0.80%	0.018%
201	7.670	7.663	7.681	HH	5802	61420	0.69%	0.015%
202	7.686	7.681	7.691	HH	5762	31982	0.36%	0.008%
203	7.699	7.691	7.705	HH	5799	48399	0.54%	0.012%
204	7.711	7.705	7.716	HH	5824	40042	0.45%	0.010%
205	7.725	7.716	7.735	HH	5891	64039	0.72%	0.016%
206	7.763	7.735	7.771	HH	5867	127501	1.43%	0.032%
207	7.778	7.771	7.784	HH	5836	44051	0.49%	0.011%
208	7.791	7.784	7.795	HH	5883	37347	0.42%	0.009%
209	7.804	7.795	7.813	HH	6065	65486	0.73%	0.016%
210	7.815	7.813	7.838	HH	5996	89014	0.99%	0.022%
211	7.876	7.838	7.881	HH	6181	157365	1.76%	0.040%
212	7.915	7.881	7.938	HH	6869	216223	2.42%	0.054%
213	7.943	7.938	7.948	HH	6259	38648	0.43%	0.010%
214	7.969	7.948	8.003	HH	6707	210922	2.36%	0.053%
215	8.006	8.003	8.053	HH	6259	184401	2.06%	0.046%
216	8.077	8.053	8.098	HH	6547	168418	1.88%	0.042%
217	8.101	8.098	8.105	HH	6222	27065	0.30%	0.007%
218	8.113	8.105	8.118	HH	6231	46302	0.52%	0.012%
219	8.134	8.118	8.140	HH	6489	86007	0.96%	0.022%
220	8.144	8.140	8.158	HH	6364	68973	0.77%	0.017%
221	8.167	8.158	8.172	HH	6351	51263	0.57%	0.013%
222	8.180	8.172	8.184	HH	6472	47286	0.53%	0.012%
223	8.198	8.184	8.230	HH	6764	178538	2.00%	0.045%
224	8.237	8.230	8.256	HH	6485	102777	1.15%	0.026%
225	8.291	8.256	8.319	HH	6870	251115	2.81%	0.063%
226	8.379	8.319	8.440	HH	171826	2065357	23.09%	0.519%
227	8.462	8.440	8.630	HH	42812	1499812	16.76%	0.377%
228	8.632	8.630	8.653	HH	7545	103416	1.16%	0.026%
229	8.658	8.653	8.690	HH	7337	163462	1.83%	0.041%
230	8.694	8.690	8.696	HH	7271	25678	0.29%	0.006%
231	8.701	8.696	8.720	HH	7281	104472	1.17%	0.026%
232	8.743	8.720	8.774	HH	7675	237445	2.65%	0.060%
233	8.792	8.774	8.815	HH	7982	189226	2.12%	0.048%
234	8.829	8.815	8.838	HH	7787	107418	1.20%	0.027%
235	8.855	8.838	8.863	HH	7999	117346	1.31%	0.030%
236	8.871	8.863	8.896	HH	8072	155925	1.74%	0.039%
237	8.914	8.896	8.938	HH	9514	210558	2.35%	0.053%
238	8.969	8.938	9.010	HH	8215	337147	3.77%	0.085%
239	9.030	9.010	9.048	HH	7939	179846	2.01%	0.045%
240	9.062	9.048	9.083	HH	8091	168199	1.88%	0.042%
241	9.092	9.083	9.105	HH	7870	99054	1.11%	0.025%
242	9.128	9.105	9.146	HH	8449	205154	2.29%	0.052%
243	9.153	9.146	9.161	HH	8392	72617	0.81%	0.018%
244	9.166	9.161	9.179	HH	8269	90290	1.01%	0.023%
245	9.203	9.179	9.268	HH	16594	524832	5.87%	0.132%
246	9.284	9.268	9.308	HH	8676	201274	2.25%	0.051%

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247	9.313	9.308	9.318	HH	8383	50115	0.56%	0.013%
248	9.322	9.318	9.335	HH	8382	82845	0.93%	0.021%
249	9.340	9.335	9.344	HH	8418	45375	0.51%	0.011%
250	9.350	9.344	9.355	HH	8396	54865	0.61%	0.014%
251	9.382	9.355	9.422	HH	9429	354223	3.96%	0.089%
252	9.439	9.422	9.452	HH	8570	154058	1.72%	0.039%
253	9.470	9.452	9.491	HH	9115	206853	2.31%	0.052%
254	9.499	9.491	9.523	HH	8716	162026	1.81%	0.041%
255	9.534	9.523	9.539	HH	8570	82397	0.92%	0.021%
256	9.576	9.539	9.595	HH	10255	313327	3.50%	0.079%
257	9.614	9.595	9.635	HH	10748	239187	2.67%	0.060%
258	9.660	9.635	9.680	HH	10161	261684	2.93%	0.066%
259	9.705	9.680	9.723	HH	10664	245471	2.74%	0.062%
260	9.735	9.723	9.745	HH	9824	127628	1.43%	0.032%
261	9.758	9.745	9.778	HH	11114	198982	2.22%	0.050%
262	9.781	9.778	9.784	HH	9506	38144	0.43%	0.010%
263	9.791	9.784	9.798	HH	9642	78154	0.87%	0.020%
264	9.817	9.798	9.853	HH	10432	318264	3.56%	0.080%
265	9.895	9.853	9.953	HH	15701	732807	8.19%	0.184%
266	9.979	9.953	10.022	HH	198104	2208901	24.69%	0.555%
267	10.037	10.022	10.119	HH	12296	645386	7.21%	0.162%
268	10.124	10.119	10.141	HH	10390	137200	1.53%	0.034%
269	10.153	10.141	10.174	HH	10532	205114	2.29%	0.052%
270	10.192	10.174	10.198	HH	10558	150329	1.68%	0.038%
271	10.202	10.198	10.207	HH	10555	55024	0.62%	0.014%
272	10.212	10.207	10.235	HH	10632	178105	1.99%	0.045%
273	10.261	10.235	10.280	HH	10815	285527	3.19%	0.072%
274	10.325	10.280	10.342	HH	12074	418597	4.68%	0.105%
275	10.368	10.342	10.399	HH	14534	426702	4.77%	0.107%
276	10.418	10.399	10.440	HH	11858	277176	3.10%	0.070%
277	10.458	10.440	10.491	HH	12493	354780	3.97%	0.089%
278	10.511	10.491	10.533	HH	12550	296898	3.32%	0.075%
279	10.545	10.533	10.559	HH	11383	176663	1.97%	0.044%
280	10.568	10.559	10.591	HH	11526	219034	2.45%	0.055%
281	10.617	10.591	10.625	HH	11808	231297	2.59%	0.058%
282	10.649	10.625	10.677	HH	12953	384038	4.29%	0.097%
283	10.717	10.677	10.756	HH	22055	674028	7.53%	0.169%
284	10.787	10.756	10.816	HH	15598	481065	5.38%	0.121%
285	10.839	10.816	10.849	HH	12967	251657	2.81%	0.063%
286	10.855	10.849	10.895	HH	12825	343942	3.84%	0.086%
287	10.910	10.895	10.915	HH	12036	138921	1.55%	0.035%
288	10.935	10.915	10.943	HH	12311	204079	2.28%	0.051%
289	10.960	10.943	10.985	HH	12721	309509	3.46%	0.078%
290	10.994	10.985	11.012	HH	12290	202698	2.27%	0.051%
291	11.036	11.012	11.051	HH	13359	299171	3.34%	0.075%
292	11.058	11.051	11.075	HH	12979	180516	2.02%	0.045%
293	11.092	11.075	11.096	HH	13305	163860	1.83%	0.041%
294	11.110	11.096	11.155	HH	14485	466820	5.22%	0.117%
295	11.172	11.155	11.186	HH	13191	238138	2.66%	0.060%
296	11.224	11.186	11.264	HH	13760	592910	6.63%	0.149%
297	11.286	11.264	11.303	HH	12606	289950	3.24%	0.073%
298	11.314	11.303	11.330	HH	12648	203373	2.27%	0.051%
299	11.370	11.330	11.390	HH	16440	494380	5.53%	0.124%

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300	11.420	11.390	11.455	HH	185090	2230315	24.93%	0.561%
301	11.462	11.455	11.487	HH	14715	273529	3.06%	0.069%
302	11.524	11.487	11.553	HH	16886	593599	6.64%	0.149%
303	11.571	11.553	11.603	HH	16120	423861	4.74%	0.107%
304	11.619	11.603	11.638	HH	13399	275198	3.08%	0.069%
305	11.657	11.638	11.697	HH	16070	493942	5.52%	0.124%
306	11.720	11.697	11.761	HH	13752	517576	5.79%	0.130%
307	11.772	11.761	11.793	HH	13469	253295	2.83%	0.064%
308	11.813	11.793	11.881	HH	18661	774194	8.65%	0.195%
309	11.903	11.881	11.921	HH	13856	321374	3.59%	0.081%
310	11.937	11.921	11.955	HH	13511	272862	3.05%	0.069%
311	11.978	11.955	12.001	HH	13715	379029	4.24%	0.095%
312	12.027	12.001	12.039	HH	13999	314578	3.52%	0.079%
313	12.064	12.039	12.145	HH	27069	1067261	11.93%	0.268%
314	12.171	12.145	12.182	HH	15628	324626	3.63%	0.082%
315	12.194	12.182	12.218	HH	16107	323283	3.61%	0.081%
316	12.236	12.218	12.265	HH	15699	406024	4.54%	0.102%
317	12.327	12.265	12.346	HH	15507	697346	7.79%	0.175%
318	12.380	12.346	12.406	HH	14556	511272	5.71%	0.129%
319	12.424	12.406	12.446	HH	15287	342939	3.83%	0.086%
320	12.483	12.446	12.532	HH	16446	773685	8.65%	0.195%
321	12.553	12.532	12.581	HH	15246	429545	4.80%	0.108%
322	12.594	12.581	12.620	HH	14682	337383	3.77%	0.085%
323	12.630	12.620	12.655	HH	14389	300869	3.36%	0.076%
324	12.673	12.655	12.688	HH	14738	291628	3.26%	0.073%
325	12.729	12.688	12.782	HH	182252	2536168	28.35%	0.638%
326	12.795	12.782	12.818	HH	15993	334217	3.74%	0.084%
327	12.844	12.818	12.863	HH	15365	409492	4.58%	0.103%
328	12.878	12.863	12.890	HH	15278	242370	2.71%	0.061%
329	12.899	12.890	12.925	HH	15266	314343	3.51%	0.079%
330	12.951	12.925	12.965	HH	14852	355158	3.97%	0.089%
331	12.985	12.965	13.015	HH	15251	452516	5.06%	0.114%
332	13.048	13.015	13.061	HH	15416	426696	4.77%	0.107%
333	13.070	13.061	13.103	HH	15351	382490	4.28%	0.096%
334	13.144	13.103	13.155	HH	15957	487163	5.45%	0.122%
335	13.177	13.155	13.188	HH	16602	327837	3.66%	0.082%
336	13.197	13.188	13.208	HH	16402	191542	2.14%	0.048%
337	13.216	13.208	13.232	HH	16382	234413	2.62%	0.059%
338	13.255	13.232	13.271	HH	16828	391668	4.38%	0.098%
339	13.286	13.271	13.295	HH	16894	234018	2.62%	0.059%
340	13.307	13.295	13.324	HH	16913	293014	3.28%	0.074%
341	13.341	13.324	13.378	HH	18397	552405	6.17%	0.139%
342	13.393	13.378	13.416	HH	16710	373509	4.18%	0.094%
343	13.438	13.416	13.459	HH	17262	433498	4.85%	0.109%
344	13.475	13.459	13.495	HH	17291	360116	4.03%	0.091%
345	13.507	13.495	13.538	HH	16847	431639	4.82%	0.109%
346	13.583	13.538	13.621	HH	17832	865658	9.68%	0.218%
347	13.635	13.621	13.659	HH	17492	390959	4.37%	0.098%
348	13.690	13.659	13.705	HH	17543	478315	5.35%	0.120%
349	13.727	13.705	13.746	HH	18600	437479	4.89%	0.110%
350	13.760	13.746	13.770	HH	17924	249380	2.79%	0.063%
351	13.783	13.770	13.810	HH	17965	424313	4.74%	0.107%

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352	13.834	13.810	13.843	HH	17892	354673	3.96%	0.089%
353	13.880	13.843	13.897	HH	19595	603744	6.75%	0.152%
354	13.927	13.897	14.031	HH	198518	3353691	37.49%	0.843%
355	14.042	14.031	14.059	HH	18658	312433	3.49%	0.079%
356	14.084	14.059	14.117	HH	19173	643755	7.20%	0.162%
357	14.130	14.117	14.163	HH	18857	507636	5.67%	0.128%
358	14.191	14.163	14.218	HH	19048	616233	6.89%	0.155%
359	14.249	14.218	14.268	HH	19131	566844	6.34%	0.143%
360	14.288	14.268	14.320	HH	19443	587559	6.57%	0.148%
361	14.345	14.320	14.358	HH	19956	447918	5.01%	0.113%
362	14.365	14.358	14.382	HH	19595	283403	3.17%	0.071%
363	14.432	14.382	14.466	HH	21252	997520	11.15%	0.251%
364	14.488	14.466	14.507	HH	23345	539811	6.03%	0.136%
365	14.530	14.507	14.575	HH	21840	868365	9.71%	0.218%
366	14.586	14.575	14.630	HH	21708	688893	7.70%	0.173%
367	14.645	14.630	14.701	HH	20655	853592	9.54%	0.215%
368	14.744	14.701	14.761	HH	21193	744690	8.32%	0.187%
369	14.777	14.761	14.796	HH	21409	445050	4.97%	0.112%
370	14.827	14.796	14.858	HH	239980	3261721	36.46%	0.820%
371	14.867	14.858	14.906	HH	22341	605123	6.76%	0.152%
372	14.934	14.906	14.955	HH	21008	594756	6.65%	0.150%
373	15.030	14.955	15.056	HH	181104	3015671	33.71%	0.758%
374	15.079	15.056	15.123	HH	33732	1018728	11.39%	0.256%
375	15.137	15.123	15.156	HH	21934	428976	4.80%	0.108%
376	15.175	15.156	15.210	HH	21517	683134	7.64%	0.172%
377	15.238	15.210	15.251	HH	23566	562322	6.29%	0.141%
378	15.282	15.251	15.303	HH	23955	720366	8.05%	0.181%
379	15.318	15.303	15.331	HH	23834	390141	4.36%	0.098%
380	15.344	15.331	15.360	HH	23502	389541	4.35%	0.098%
381	15.370	15.360	15.396	HH	22788	489426	5.47%	0.123%
382	15.485	15.396	15.592	HH	42222	3993027	44.63%	1.004%
383	15.605	15.592	15.618	HH	29322	440172	4.92%	0.111%
384	15.632	15.618	15.664	HH	33655	777034	8.69%	0.195%
385	15.677	15.664	15.697	HH	24635	478211	5.35%	0.120%
386	15.724	15.697	15.760	HH	28737	986700	11.03%	0.248%
387	15.791	15.760	15.812	HH	27036	814992	9.11%	0.205%
388	15.827	15.812	15.848	HH	25526	520285	5.82%	0.131%
389	15.864	15.848	15.877	HH	25152	427413	4.78%	0.107%
390	15.885	15.877	15.897	HH	24618	294973	3.30%	0.074%
391	15.912	15.897	15.928	HH	25406	456048	5.10%	0.115%
392	15.971	15.928	15.989	HH	30431	952873	10.65%	0.240%
393	16.003	15.989	16.013	HH	27569	385538	4.31%	0.097%
394	16.049	16.013	16.075	HH	178391	2559529	28.61%	0.644%
395	16.085	16.075	16.103	HH	27137	446654	4.99%	0.112%
396	16.116	16.103	16.140	HH	26086	553951	6.19%	0.139%
397	16.154	16.140	16.166	HH	24818	394101	4.41%	0.099%
398	16.188	16.166	16.196	HH	26719	465418	5.20%	0.117%
399	16.213	16.196	16.238	HH	27737	663346	7.41%	0.167%
400	16.261	16.238	16.316	HH	28322	1235910	13.81%	0.311%
401	16.340	16.316	16.361	HH	25999	679334	7.59%	0.171%
402	16.379	16.361	16.392	HH	25676	472130	5.28%	0.119%
403	16.448	16.392	16.479	HH	28485	1369802	15.31%	0.344%
404	16.503	16.479	16.516	HH	29327	601942	6.73%	0.151%

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405	16.528	16.516	16.573	HH	29687	946337	10.58%	0.238%
406	16.617	16.573	16.650	HH	27882	1238634	13.85%	0.311%
407	16.685	16.650	16.703	HH	28562	872999	9.76%	0.220%
408	16.720	16.703	16.737	HH	28844	570653	6.38%	0.143%
409	16.752	16.737	16.778	HH	28119	656565	7.34%	0.165%
410	16.804	16.778	16.837	HH	26769	925732	10.35%	0.233%
411	16.887	16.837	16.896	HH	27506	938833	10.49%	0.236%
412	16.910	16.896	16.933	HH	27879	595128	6.65%	0.150%
413	16.998	16.933	17.025	HH	203738	3402610	38.03%	0.856%
414	17.046	17.025	17.067	HH	50971	949373	10.61%	0.239%
415	17.078	17.067	17.101	HH	29080	557895	6.24%	0.140%
416	17.122	17.101	17.143	HH	27737	687992	7.69%	0.173%
417	17.173	17.143	17.195	HH	29472	862669	9.64%	0.217%
418	17.212	17.195	17.233	HH	28430	629690	7.04%	0.158%
419	17.258	17.233	17.286	HH	27407	861354	9.63%	0.217%
420	17.306	17.286	17.318	HH	27007	510310	5.70%	0.128%
421	17.359	17.318	17.380	HH	29850	1036514	11.59%	0.261%
422	17.389	17.380	17.397	HH	27798	293267	3.28%	0.074%
423	17.413	17.397	17.422	HH	28638	428419	4.79%	0.108%
424	17.445	17.422	17.475	HH	41733	1019005	11.39%	0.256%
425	17.481	17.475	17.488	HH	28223	228767	2.56%	0.058%
426	17.495	17.488	17.505	HH	28231	278285	3.11%	0.070%
427	17.535	17.505	17.596	HH	30855	1598059	17.86%	0.402%
428	17.603	17.596	17.623	HH	28696	456113	5.10%	0.115%
429	17.669	17.623	17.710	HH	32194	1540271	17.22%	0.387%
430	17.736	17.710	17.763	HH	29654	939374	10.50%	0.236%
431	17.799	17.763	17.816	HH	30110	954770	10.67%	0.240%
432	17.845	17.816	17.855	HH	31681	707428	7.91%	0.178%
433	17.885	17.855	17.928	HH	207381	3321742	37.13%	0.835%
434	17.935	17.928	17.950	HH	31196	405014	4.53%	0.102%
435	17.976	17.950	18.023	HH	44450	1542464	17.24%	0.388%
436	18.051	18.023	18.073	HH	39086	1051981	11.76%	0.265%
437	18.087	18.073	18.120	HH	33594	920117	10.29%	0.231%
438	18.146	18.120	18.176	HH	35863	1155254	12.91%	0.290%
439	18.230	18.176	18.272	HH	40004	2016930	22.55%	0.507%
440	18.305	18.272	18.338	HH	49779	1577923	17.64%	0.397%
441	18.406	18.338	18.466	HH	38410	2851561	31.87%	0.717%
442	18.474	18.466	18.487	HH	36078	463585	5.18%	0.117%
443	18.510	18.487	18.533	HH	36602	991960	11.09%	0.249%
444	18.566	18.533	18.583	HH	37114	1093860	12.23%	0.275%
445	18.618	18.583	18.655	HH	37962	1588441	17.76%	0.399%
446	18.716	18.655	18.769	HH	218562	4801094	53.67%	1.207%
447	18.817	18.769	18.873	HH	48446	2597282	29.03%	0.653%
448	18.921	18.873	18.940	HH	40634	1588786	17.76%	0.399%
449	18.969	18.940	18.978	HH	40689	928619	10.38%	0.233%
450	18.992	18.978	19.006	HH	40819	690937	7.72%	0.174%
451	19.024	19.006	19.045	HH	41115	942570	10.54%	0.237%
452	19.109	19.045	19.170	HH	52361	3351180	37.46%	0.843%
453	19.214	19.170	19.236	HH	45839	1771619	19.80%	0.445%
454	19.270	19.236	19.287	HH	49162	1426628	15.95%	0.359%
455	19.298	19.287	19.345	HH	47192	1619308	18.10%	0.407%
456	19.366	19.345	19.388	HH	45800	1154790	12.91%	0.290%

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457	19.405	19.388	19.415	HH	45794	729895	8.16%	0.184%
458	19.420	19.415	19.427	HH	45797	347099	3.88%	0.087%
459	19.449	19.427	19.466	HH	47132	1090544	12.19%	0.274%
460	19.499	19.466	19.538	HH	242343	4346424	48.58%	1.093%
461	19.547	19.538	19.570	HH	49596	930823	10.40%	0.234%
462	19.602	19.570	19.635	HH	56290	2007435	22.44%	0.505%
463	19.646	19.635	19.665	HH	49868	893138	9.98%	0.225%
464	19.722	19.665	19.751	HH	51743	2614015	29.22%	0.657%
465	19.783	19.751	19.810	HH	54524	1878363	21.00%	0.472%
466	19.872	19.810	19.926	HH	59733	3810441	42.59%	0.958%
467	19.937	19.926	19.947	HH	53685	659862	7.38%	0.166%
468	19.975	19.947	19.995	HH	54970	1558850	17.42%	0.392%
469	20.004	19.995	20.012	HH	54520	583073	6.52%	0.147%
470	20.055	20.012	20.071	HH	55592	1944167	21.73%	0.489%
471	20.128	20.071	20.153	HH	59487	2825268	31.58%	0.710%
472	20.238	20.153	20.326	HH	238778	8527282	95.32%	2.144%
473	20.341	20.326	20.378	HH	62744	1938621	21.67%	0.487%
474	20.415	20.378	20.451	HH	66707	2808639	31.39%	0.706%
475	20.505	20.451	20.536	HH	63846	3219098	35.98%	0.809%
476	20.597	20.536	20.673	HH	67268	5289089	59.12%	1.330%
477	20.704	20.673	20.730	HH	64722	2188494	24.46%	0.550%
478	20.762	20.730	20.820	HH	65280	3457025	38.64%	0.869%
479	20.888	20.820	20.900	HH	63740	3047591	34.07%	0.766%
480	20.928	20.900	20.945	HH	63802	1721255	19.24%	0.433%
481	20.947	20.945	20.956	HH	63812	446045	4.99%	0.112%
482	20.997	20.956	21.136	HH	190550	8889663	99.37%	2.235%
483	21.148	21.136	21.176	HH	65044	1556389	17.40%	0.391%
484	21.198	21.176	21.215	HH	64983	1491990	16.68%	0.375%
485	21.223	21.215	21.246	HH	65021	1213629	13.57%	0.305%
486	21.264	21.246	21.287	HH	64839	1607577	17.97%	0.404%
487	21.322	21.287	21.381	HH	66438	3657946	40.89%	0.920%
488	21.387	21.381	21.405	HH	63717	892256	9.97%	0.224%
489	21.437	21.405	21.481	HH	65165	2937226	32.83%	0.739%
490	21.587	21.481	21.596	HH	64376	4404904	49.24%	1.108%
491	21.622	21.596	21.653	HH	64376	2180830	24.38%	0.548%
492	21.688	21.653	21.722	HH	64576	2654515	29.67%	0.667%
493	21.747	21.722	21.758	HH	64331	1391664	15.56%	0.350%
494	21.813	21.758	21.876	HH	64710	4579976	51.19%	1.152%
495	21.944	21.876	22.063	HH	146102	8946196	100.00%	2.249%
496	22.074	22.063	22.098	HH	65314	1361637	15.22%	0.342%
497	22.106	22.098	22.118	HH	65319	790292	8.83%	0.199%
498	22.134	22.118	22.168	HH	65281	1953001	21.83%	0.491%
499	22.169	22.168	22.185	HH	65029	649416	7.26%	0.163%
500	22.190	22.185	22.239	HH	65053	2102442	23.50%	0.529%
501	22.246	22.239	22.291	HH	64578	2026542	22.65%	0.510%
502	22.302	22.291	22.349	HH	64155	2207933	24.68%	0.555%
503	22.364	22.349	22.377	HH	64159	1072501	11.99%	0.270%
504	22.396	22.377	22.438	HH	63978	2334871	26.10%	0.587%
505	22.454	22.438	22.472	HH	64069	1337568	14.95%	0.336%
506	22.514	22.472	22.558	HH	65274	3302379	36.91%	0.830%
507	22.569	22.558	22.585	HH	63857	1023355	11.44%	0.257%
508	22.598	22.585	22.645	HH	63889	2286128	25.55%	0.575%
509	22.678	22.645	22.686	HH	63829	1583280	17.70%	0.398%

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510	22.761	22.686	22.815	HH	64887	4993407	55.82%	1.256%
511	22.849	22.815	22.876	HH	63966	2319361	25.93%	0.583%
512	22.942	22.876	22.966	HH	63649	3427034	38.31%	0.862%
513	22.987	22.966	23.001	HH	63596	1307811	14.62%	0.329%
514	23.057	23.001	23.080	HH	63988	3021401	33.77%	0.760%
515	23.112	23.080	23.120	HH	63982	1531569	17.12%	0.385%
516	23.170	23.120	23.220	HH	64788	3878643	43.36%	0.975%
517	23.230	23.220	23.240	HH	63448	725840	8.11%	0.183%
518	23.257	23.240	23.266	HH	63515	1017477	11.37%	0.256%
519	23.274	23.266	23.308	HH	63501	1590802	17.78%	0.400%
520	23.339	23.308	23.355	HH	63642	1766563	19.75%	0.444%
521	23.384	23.355	23.475	HH	63394	4550438	50.86%	1.144%
522	23.488	23.475	23.520	HH	62814	1687139	18.86%	0.424%
523	23.531	23.520	23.550	HH	62894	1129228	12.62%	0.284%
524	23.556	23.550	23.576	HH	62851	1002432	11.21%	0.252%
525	23.587	23.576	23.598	HH	62827	815325	9.11%	0.205%
526	23.607	23.598	23.616	HH	62927	681653	7.62%	0.171%
527	23.715	23.616	23.771	HH	64000	5891954	65.86%	1.481%
528	23.788	23.771	23.798	HH	63179	1008818	11.28%	0.254%
529	23.809	23.798	23.842	HH	63131	1652947	18.48%	0.416%
530	23.850	23.842	23.873	HH	62829	1175308	13.14%	0.296%
531	23.883	23.873	23.896	HH	62950	872600	9.75%	0.219%
532	23.943	23.896	23.998	HH	63762	3868232	43.24%	0.973%
533	24.005	23.998	24.015	HH	62913	628294	7.02%	0.158%
534	24.025	24.015	24.035	HH	62739	752356	8.41%	0.189%
535	24.048	24.035	24.061	HH	62750	1003135	11.21%	0.252%
536	24.070	24.061	24.091	HH	62775	1127473	12.60%	0.283%
537	24.136	24.091	24.156	HH	62925	2445767	27.34%	0.615%
538	24.193	24.156	24.261	HH	63202	3937094	44.01%	0.990%
539	24.273	24.261	24.306	HH	62937	1707951	19.09%	0.429%
540	24.317	24.306	24.324	HH	62862	691668	7.73%	0.174%
541	24.356	24.324	24.366	HH	62959	1580157	17.66%	0.397%
542	24.381	24.366	24.411	HH	63164	1699264	18.99%	0.427%
543	24.420	24.411	24.441	HH	63056	1140079	12.74%	0.287%
544	24.449	24.441	24.476	HH	62629	1304205	14.58%	0.328%
545	24.496	24.476	24.508	HH	62620	1187148	13.27%	0.298%
546	24.516	24.508	24.538	HH	62518	1123210	12.56%	0.282%
547	24.553	24.538	24.591	HH	62647	2001099	22.37%	0.503%
548	24.600	24.591	24.613	HH	62478	816100	9.12%	0.205%
549	24.629	24.613	24.655	HH	62679	1556716	17.40%	0.391%
550	24.667	24.655	24.690	HH	62462	1310355	14.65%	0.329%
551	24.697	24.690	24.707	HH	62380	660350	7.38%	0.166%
552	24.717	24.707	24.730	HH	62307	834748	9.33%	0.210%
553	24.745	24.730	24.776	HH	62476	1745503	19.51%	0.439%
554	24.841	24.776	24.958	HH	63688	6846956	76.53%	1.722%
555	24.972	24.958	24.989	HH	62106	1149009	12.84%	0.289%
556	25.005	24.989	25.016	HH	61946	1017030	11.37%	0.256%
557	25.023	25.016	25.048	HH	61900	1174216	13.13%	0.295%
558	25.056	25.048	25.065	HH	61815	617465	6.90%	0.155%
559	25.075	25.065	25.099	HH	61884	1265482	14.15%	0.318%
560	25.107	25.099	25.116	HH	61872	650566	7.27%	0.164%
561	25.127	25.116	25.160	HH	61921	1608425	17.98%	0.404%

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562 25.169 25.160 25.201 HHA 61908 1576794 17.63% 0.396%
Sum of corrected areas: 397719736

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