

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE040418\
Data File : FE026530.D
Signal(s) : FID1B.CH
Acq On : 05 Apr 2018 1:55
Sample : J2211-03 5X
Misc :
ALS Vial : 23 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	2.787	2.755	2.829	BH	64	48	0.00%	0.000%
2	2.832	2.829	2.845	HH	137	310	0.00%	0.000%
3	2.865	2.845	2.883	PH	214	2238	0.00%	0.000%
4	2.955	2.883	2.984	PH	227	4482	0.01%	0.000%
5	2.992	2.984	3.004	HH	238	1454	0.00%	0.000%
6	3.038	3.004	3.068	HH	268	6862	0.01%	0.000%
7	3.091	3.068	3.129	HH	851	13931	0.02%	0.001%
8	3.143	3.129	3.168	HH	448	8080	0.01%	0.000%
9	3.178	3.168	3.219	HH	484	10457	0.02%	0.000%
10	3.234	3.219	3.249	HH	407	6088	0.01%	0.000%
11	3.270	3.249	3.283	HH	677	9943	0.02%	0.000%
12	3.309	3.283	3.325	HH	1095	20306	0.03%	0.001%
13	3.399	3.325	3.431	HH	951	46212	0.07%	0.002%
14	3.448	3.431	3.476	HH	889	19448	0.03%	0.001%
15	3.485	3.476	3.495	HH	808	7630	0.01%	0.000%
16	3.524	3.495	3.598	HH	780	42262	0.07%	0.002%
17	3.609	3.598	3.632	HH	739	14122	0.02%	0.001%
18	3.642	3.632	3.651	HH	740	7669	0.01%	0.000%
19	3.665	3.651	3.689	HH	888	16598	0.03%	0.001%
20	3.705	3.689	3.751	HH	841	23967	0.04%	0.001%
21	3.771	3.751	3.800	HH	1179	22845	0.04%	0.001%
22	3.812	3.800	3.833	HH	727	12856	0.02%	0.001%
23	3.864	3.833	3.902	HH	1051	32623	0.05%	0.001%
24	3.917	3.902	3.964	HH	831	25755	0.04%	0.001%
25	3.976	3.964	3.985	HH	684	8195	0.01%	0.000%
26	3.996	3.985	4.059	HH	703	29623	0.05%	0.001%
27	4.071	4.059	4.095	HH	813	15475	0.02%	0.001%
28	4.108	4.095	4.118	HH	900	10724	0.02%	0.000%
29	4.128	4.118	4.141	HH	844	10146	0.02%	0.000%
30	4.156	4.141	4.174	HH	931	15428	0.02%	0.001%
31	4.187	4.174	4.214	HH	977	20656	0.03%	0.001%
32	4.230	4.214	4.268	HH	1853	37779	0.06%	0.002%
33	4.278	4.268	4.296	HH	1000	15072	0.02%	0.001%
34	4.305	4.296	4.332	HH	915	19335	0.03%	0.001%
35	4.394	4.332	4.419	HH	1111	49249	0.08%	0.002%
36	4.500	4.419	4.511	HH	1125	53802	0.08%	0.002%

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37	4.538	4.511	4.562	HH	3854	63101	0.10%	0.003%
38	4.578	4.562	4.652	HH	1880	78179	0.12%	0.003%
39	4.661	4.652	4.712	HH	1391	47501	0.07%	0.002%
40	4.723	4.712	4.727	HH	1461	12625	0.02%	0.001%
41	4.743	4.727	4.809	HH	2551	88005	0.14%	0.004%
42	4.826	4.809	4.865	HH	1646	52383	0.08%	0.002%
43	4.878	4.865	4.895	HH	1543	27081	0.04%	0.001%
44	4.971	4.895	5.005	HH	2093	107995	0.17%	0.004%
45	5.051	5.005	5.115	HH	1889	113536	0.18%	0.005%
46	5.126	5.115	5.135	HH	1774	20924	0.03%	0.001%
47	5.140	5.135	5.152	HH	1799	17313	0.03%	0.001%
48	5.195	5.152	5.259	HH	2462	116624	0.18%	0.005%
49	5.288	5.259	5.308	HH	1868	53555	0.08%	0.002%
50	5.329	5.308	5.362	HH	1991	60838	0.10%	0.003%
51	5.375	5.362	5.388	HH	2079	30132	0.05%	0.001%
52	5.424	5.388	5.469	HH	2695	103511	0.16%	0.004%
53	5.486	5.469	5.522	HH	3700	82051	0.13%	0.003%
54	5.548	5.522	5.561	HH	3129	61115	0.10%	0.003%
55	5.579	5.561	5.600	HH	3451	71600	0.11%	0.003%
56	5.617	5.600	5.645	HH	3426	75935	0.12%	0.003%
57	5.695	5.645	5.711	HH	3553	117601	0.19%	0.005%
58	5.726	5.711	5.740	HH	3268	51543	0.08%	0.002%
59	5.768	5.740	5.791	HH	4190	104451	0.16%	0.004%
60	5.805	5.791	5.820	HH	3390	55435	0.09%	0.002%
61	5.841	5.820	5.865	HH	3601	86221	0.14%	0.004%
62	5.912	5.865	5.946	HH	4570	171903	0.27%	0.007%
63	5.974	5.946	5.987	HH	3822	88248	0.14%	0.004%
64	6.023	5.987	6.044	HH	11409	195933	0.31%	0.008%
65	6.058	6.044	6.071	HH	4622	67128	0.11%	0.003%
66	6.087	6.071	6.151	HH	5548	194569	0.31%	0.008%
67	6.171	6.151	6.188	HH	3793	76188	0.12%	0.003%
68	6.210	6.188	6.232	HH	3909	95903	0.15%	0.004%
69	6.245	6.232	6.257	HH	4209	56733	0.09%	0.002%
70	6.271	6.257	6.292	HH	3872	73630	0.12%	0.003%
71	6.312	6.292	6.330	HH	4767	88372	0.14%	0.004%
72	6.343	6.330	6.369	HH	4203	86172	0.14%	0.004%
73	6.384	6.369	6.418	HH	3928	105200	0.17%	0.004%
74	6.437	6.418	6.469	HH	4097	110233	0.17%	0.005%
75	6.500	6.469	6.522	HH	3705	110359	0.17%	0.005%
76	6.589	6.522	6.605	HH	5176	206181	0.32%	0.009%
77	6.627	6.605	6.644	HH	5223	107890	0.17%	0.004%
78	6.671	6.644	6.699	HH	6462	161801	0.25%	0.007%
79	6.734	6.699	6.756	HH	6948	173259	0.27%	0.007%
80	6.767	6.756	6.782	HH	4352	65824	0.10%	0.003%
81	6.802	6.782	6.822	HH	4535	103098	0.16%	0.004%
82	6.863	6.822	6.889	HH	5151	181953	0.29%	0.008%
83	6.907	6.889	6.933	HH	8441	155036	0.24%	0.006%
84	6.979	6.933	6.994	HH	5119	171191	0.27%	0.007%
85	7.015	6.994	7.070	HH	14430	317230	0.50%	0.013%
86	7.085	7.070	7.099	HH	5246	80935	0.13%	0.003%
87	7.121	7.099	7.148	HH	4802	134771	0.21%	0.006%
88	7.167	7.148	7.189	HH	7869	142655	0.22%	0.006%
89	7.198	7.189	7.210	HH	4860	58084	0.09%	0.002%

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90	7.235	7.210	7.278	HH	5581	196462	0.31%	0.008%
91	7.295	7.278	7.304	HH	5042	75388	0.12%	0.003%
92	7.318	7.304	7.337	HH	5262	94924	0.15%	0.004%
93	7.355	7.337	7.372	HH	5494	102876	0.16%	0.004%
94	7.389	7.372	7.405	HH	5255	97086	0.15%	0.004%
95	7.419	7.405	7.439	HH	4814	93113	0.15%	0.004%
96	7.452	7.439	7.488	HH	5588	145362	0.23%	0.006%
97	7.520	7.488	7.528	HH	6631	131588	0.21%	0.005%
98	7.536	7.528	7.552	HH	6538	82470	0.13%	0.003%
99	7.579	7.552	7.597	HH	6691	148745	0.23%	0.006%
100	7.623	7.597	7.659	HH	8291	220435	0.35%	0.009%
101	7.683	7.659	7.700	HH	10322	170331	0.27%	0.007%
102	7.724	7.700	7.741	HH	6630	145245	0.23%	0.006%
103	7.770	7.741	7.794	HH	5513	168941	0.27%	0.007%
104	7.816	7.794	7.852	HH	6644	203683	0.32%	0.008%
105	7.863	7.852	7.876	HH	5548	79872	0.13%	0.003%
106	7.895	7.876	7.915	HH	5875	129251	0.20%	0.005%
107	7.947	7.915	7.995	HH	11077	330964	0.52%	0.014%
108	8.018	7.995	8.047	HH	6352	194329	0.31%	0.008%
109	8.070	8.047	8.096	HH	7205	195028	0.31%	0.008%
110	8.112	8.096	8.138	HH	7602	169930	0.27%	0.007%
111	8.159	8.138	8.190	HH	8006	222090	0.35%	0.009%
112	8.211	8.190	8.235	HH	7428	184846	0.29%	0.008%
113	8.261	8.235	8.272	HH	7468	150086	0.24%	0.006%
114	8.292	8.272	8.322	HH	7614	224191	0.35%	0.009%
115	8.354	8.322	8.366	HH	8700	206796	0.33%	0.009%
116	8.380	8.366	8.389	HH	9105	118999	0.19%	0.005%
117	8.406	8.389	8.420	HH	12959	197971	0.31%	0.008%
118	8.432	8.420	8.449	HH	12438	176505	0.28%	0.007%
119	8.474	8.449	8.501	HH	12097	292631	0.46%	0.012%
120	8.519	8.501	8.552	HH	13106	282458	0.44%	0.012%
121	8.577	8.552	8.596	HH	13816	263099	0.41%	0.011%
122	8.609	8.596	8.630	HH	9320	177249	0.28%	0.007%
123	8.649	8.630	8.663	HH	10592	182449	0.29%	0.008%
124	8.673	8.663	8.689	HH	9421	140040	0.22%	0.006%
125	8.740	8.689	8.771	HH	10330	461481	0.73%	0.019%
126	8.790	8.771	8.802	HH	10081	182418	0.29%	0.008%
127	8.826	8.802	8.840	HH	19387	303749	0.48%	0.013%
128	8.847	8.840	8.863	HH	13460	170124	0.27%	0.007%
129	8.872	8.863	8.884	HH	11044	135095	0.21%	0.006%
130	8.903	8.884	8.927	HH	25278	409190	0.64%	0.017%
131	8.937	8.927	8.959	HH	13138	231061	0.36%	0.010%
132	8.975	8.959	8.992	HH	12735	233645	0.37%	0.010%
133	9.025	8.992	9.056	HH	15524	465638	0.73%	0.019%
134	9.095	9.056	9.191	HH	22769	1286058	2.03%	0.053%
135	9.250	9.191	9.263	HH	19222	669806	1.05%	0.028%
136	9.275	9.263	9.292	HH	19565	283330	0.45%	0.012%
137	9.322	9.292	9.345	HH	19118	513937	0.81%	0.021%
138	9.367	9.345	9.391	HH	29997	590198	0.93%	0.025%
139	9.421	9.391	9.447	HH	24613	622194	0.98%	0.026%
140	9.464	9.447	9.471	HH	17159	236597	0.37%	0.010%
141	9.479	9.471	9.498	HH	17077	264238	0.42%	0.011%

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142	9.516	9.498	9.533	HH	16214	318172	0.50%	0.013%
143	9.554	9.533	9.579	HH	16624	432751	0.68%	0.018%
144	9.598	9.579	9.630	HH	22215	562270	0.89%	0.023%
145	9.654	9.630	9.695	HH	33114	803608	1.27%	0.033%
146	9.707	9.695	9.717	HH	15830	213332	0.34%	0.009%
147	9.742	9.717	9.756	HH	23327	455967	0.72%	0.019%
148	9.766	9.756	9.783	HH	21957	321220	0.51%	0.013%
149	9.792	9.783	9.808	HH	18703	274458	0.43%	0.011%
150	9.843	9.808	9.872	HH	19867	700873	1.10%	0.029%
151	9.895	9.872	9.924	HH	19436	545963	0.86%	0.023%
152	9.951	9.924	9.972	HH	20637	540381	0.85%	0.022%
153	9.994	9.972	10.004	HH	17669	332832	0.52%	0.014%
154	10.046	10.004	10.063	HH	32160	887648	1.40%	0.037%
155	10.078	10.063	10.106	HH	28519	596402	0.94%	0.025%
156	10.121	10.106	10.142	HH	28081	506357	0.80%	0.021%
157	10.164	10.142	10.191	HH	29956	657158	1.03%	0.027%
158	10.220	10.191	10.264	HH	30464	966287	1.52%	0.040%
159	10.309	10.264	10.332	HH	21075	823646	1.30%	0.034%
160	10.378	10.332	10.395	HH	25387	874863	1.38%	0.036%
161	10.406	10.395	10.415	HH	24833	285383	0.45%	0.012%
162	10.440	10.415	10.462	HH	46600	903093	1.42%	0.038%
163	10.518	10.462	10.555	HH	33850	1551168	2.44%	0.064%
164	10.568	10.555	10.605	HH	29839	771671	1.22%	0.032%
165	10.619	10.605	10.636	HH	27058	459294	0.72%	0.019%
166	10.655	10.636	10.688	HH	26496	753016	1.19%	0.031%
167	10.712	10.688	10.754	HH	27307	976462	1.54%	0.041%
168	10.788	10.754	10.821	HH	46151	1345973	2.12%	0.056%
169	10.838	10.821	10.859	HH	46730	818985	1.29%	0.034%
170	10.882	10.859	10.898	HH	37816	736016	1.16%	0.031%
171	10.937	10.898	10.958	HH	42913	1249559	1.97%	0.052%
172	10.977	10.958	11.057	HH	45166	1892623	2.98%	0.079%
173	11.114	11.057	11.127	HH	35550	1323466	2.08%	0.055%
174	11.134	11.127	11.156	HH	33920	571710	0.90%	0.024%
175	11.184	11.156	11.210	HH	56693	1343040	2.12%	0.056%
176	11.260	11.210	11.282	HH	56020	1882809	2.97%	0.078%
177	11.303	11.282	11.316	HH	44255	859031	1.35%	0.036%
178	11.328	11.316	11.343	HH	47131	658711	1.04%	0.027%
179	11.355	11.343	11.376	HH	40648	729106	1.15%	0.030%
180	11.401	11.376	11.419	HH	37197	878268	1.38%	0.036%
181	11.462	11.419	11.478	HH	48155	1362753	2.15%	0.057%
182	11.503	11.478	11.546	HH	61580	2004850	3.16%	0.083%
183	11.563	11.546	11.572	HH	51374	699551	1.10%	0.029%
184	11.585	11.572	11.619	HH	59182	1407117	2.22%	0.058%
185	11.643	11.619	11.665	HH	50441	1193969	1.88%	0.050%
186	11.697	11.665	11.728	HH	58637	1648096	2.60%	0.068%
187	11.769	11.728	11.777	HH	41004	1179152	1.86%	0.049%
188	11.801	11.777	11.818	HH	50289	1096791	1.73%	0.046%
189	11.834	11.818	11.849	HH	50430	898415	1.41%	0.037%
190	11.894	11.849	11.913	HH	71902	2026906	3.19%	0.084%
191	11.942	11.913	11.955	HH	66380	1397470	2.20%	0.058%
192	11.965	11.955	11.972	HH	62662	626978	0.99%	0.026%
193	11.988	11.972	12.040	HH	72313	2338947	3.68%	0.097%
194	12.055	12.040	12.077	HH	53421	1083118	1.71%	0.045%

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195	12.096	12.077	12.125	HH	49737	1343806	2.12%	0.056%
196	12.142	12.125	12.164	HH	52474	1134505	1.79%	0.047%
197	12.192	12.164	12.213	HH	82919	1913691	3.01%	0.080%
198	12.221	12.213	12.236	HH	66560	849022	1.34%	0.035%
199	12.251	12.236	12.270	HH	65787	1189686	1.87%	0.049%
200	12.293	12.270	12.309	HH	68091	1399943	2.20%	0.058%
201	12.330	12.309	12.356	HH	65282	1658916	2.61%	0.069%
202	12.383	12.356	12.404	HH	71144	1751608	2.76%	0.073%
203	12.424	12.404	12.435	HH	58179	1050971	1.66%	0.044%
204	12.456	12.435	12.481	HH	66356	1712525	2.70%	0.071%
205	12.501	12.481	12.515	HH	68139	1317759	2.08%	0.055%
206	12.526	12.515	12.533	HH	67374	723896	1.14%	0.030%
207	12.567	12.533	12.585	HH	89879	2375736	3.74%	0.099%
208	12.612	12.585	12.630	HH	96994	2203742	3.47%	0.092%
209	12.651	12.630	12.709	HH	90327	3840509	6.05%	0.160%
210	12.723	12.709	12.745	HH	79209	1540103	2.43%	0.064%
211	12.771	12.745	12.789	HH	71455	1824338	2.87%	0.076%
212	12.807	12.789	12.822	HH	78419	1420828	2.24%	0.059%
213	12.846	12.822	12.871	HH	112630	2791165	4.40%	0.116%
214	12.881	12.871	12.896	HH	98949	1367112	2.15%	0.057%
215	12.911	12.896	12.927	HH	98977	1635279	2.58%	0.068%
216	12.951	12.927	12.969	HH	102689	2303650	3.63%	0.096%
217	12.988	12.969	13.003	HH	94624	1731843	2.73%	0.072%
218	13.041	13.003	13.057	HH	104527	2960789	4.66%	0.123%
219	13.099	13.057	13.119	HH	109964	3811447	6.00%	0.158%
220	13.138	13.119	13.152	HH	119017	2228955	3.51%	0.093%
221	13.161	13.152	13.176	HH	116818	1641790	2.59%	0.068%
222	13.214	13.176	13.232	HH	175042	4270737	6.73%	0.177%
223	13.251	13.232	13.269	HH	146571	2912721	4.59%	0.121%
224	13.290	13.269	13.350	HH	153345	6126719	9.65%	0.255%
225	13.363	13.350	13.401	HH	120923	3443536	5.42%	0.143%
226	13.413	13.401	13.428	HH	111075	1682410	2.65%	0.070%
227	13.446	13.428	13.454	HH	122889	1801073	2.84%	0.075%
228	13.473	13.454	13.502	HH	171170	4261700	6.71%	0.177%
229	13.511	13.502	13.527	HH	150717	2109850	3.32%	0.088%
230	13.545	13.527	13.566	HH	159595	3303306	5.20%	0.137%
231	13.585	13.566	13.602	HH	157274	3029958	4.77%	0.126%
232	13.614	13.602	13.629	HH	146319	2251724	3.55%	0.094%
233	13.668	13.629	13.682	HH	173699	4651544	7.33%	0.193%
234	13.699	13.682	13.708	HH	162202	2463509	3.88%	0.102%
235	13.733	13.708	13.745	HH	171114	3634669	5.72%	0.151%
236	13.768	13.745	13.791	HH	180751	4670996	7.36%	0.194%
237	13.836	13.791	13.845	HH	194466	5713311	9.00%	0.237%
238	13.859	13.845	13.884	HH	207997	4639284	7.31%	0.193%
239	13.907	13.884	13.965	HH	248919	9871038	15.55%	0.410%
240	13.981	13.965	14.012	HH	180408	4911329	7.73%	0.204%
241	14.078	14.012	14.095	HH	264718	10457642	16.47%	0.435%
242	14.118	14.095	14.134	HH	248304	5454142	8.59%	0.227%
243	14.150	14.134	14.169	HH	240444	4643055	7.31%	0.193%
244	14.188	14.169	14.203	HH	252841	4838934	7.62%	0.201%
245	14.218	14.203	14.232	HH	233559	3859498	6.08%	0.160%
246	14.279	14.232	14.297	HH	294082	9804212	15.44%	0.407%

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247	14.359	14.297	14.389	HH	325679	16241940	25.58%	0.675%
248	14.451	14.389	14.475	HH	354876	16363748	25.77%	0.680%
249	14.499	14.475	14.518	HH	440881	9536861	15.02%	0.396%
250	14.527	14.518	14.547	HH	364415	5977593	9.41%	0.248%
251	14.558	14.547	14.582	HH	321938	6613622	10.42%	0.275%
252	14.591	14.582	14.607	HH	310361	4529240	7.13%	0.188%
253	14.663	14.607	14.685	HH	438597	17142484	27.00%	0.712%
254	14.707	14.685	14.721	HH	429339	8721172	13.73%	0.362%
255	14.736	14.721	14.751	HH	418033	6944177	10.94%	0.289%
256	14.775	14.751	14.796	HH	424531	10737091	16.91%	0.446%
257	14.807	14.796	14.815	HH	381326	4433455	6.98%	0.184%
258	14.860	14.815	14.875	HH	479668	15646427	24.64%	0.650%
259	14.883	14.875	14.894	HH	472615	5335073	8.40%	0.222%
260	14.937	14.894	14.965	HH	524103	20656806	32.53%	0.858%
261	14.983	14.965	14.997	HH	514337	9169609	14.44%	0.381%
262	15.020	14.997	15.052	HH	551813	17048236	26.85%	0.708%
263	15.075	15.052	15.115	HH	675158	21455248	33.79%	0.892%
264	15.125	15.115	15.175	HH	515751	17450922	27.48%	0.725%
265	15.221	15.175	15.242	HH	654082	22014014	34.67%	0.915%
266	15.270	15.242	15.283	HH	619798	14695359	23.14%	0.611%
267	15.299	15.283	15.314	HH	598936	10602030	16.70%	0.441%
268	15.341	15.314	15.360	HH	622473	16176597	25.48%	0.672%
269	15.368	15.360	15.377	HH	588832	5868334	9.24%	0.244%
270	15.421	15.377	15.441	HH	705718	24376660	38.39%	1.013%
271	15.486	15.441	15.518	HH	729481	30921765	48.70%	1.285%
272	15.534	15.518	15.548	HH	676520	11194942	17.63%	0.465%
273	15.566	15.548	15.600	HH	734650	21460622	33.80%	0.892%
274	15.623	15.600	15.665	HH	846597	28679084	45.17%	1.192%
275	15.674	15.665	15.688	HH	668713	8853314	13.94%	0.368%
276	15.706	15.688	15.721	HH	648915	12682994	19.97%	0.527%
277	15.760	15.721	15.780	HH	782037	24866360	39.16%	1.033%
278	15.815	15.780	15.860	HH	793867	35559094	56.00%	1.478%
279	15.878	15.860	15.893	HH	742650	14033029	22.10%	0.583%
280	15.958	15.893	15.975	HH	842642	38399013	60.47%	1.596%
281	15.989	15.975	16.004	HH	841029	14294008	22.51%	0.594%
282	16.021	16.004	16.048	HH	858056	21388331	33.68%	0.889%
283	16.064	16.048	16.076	HH	821931	13111758	20.65%	0.545%
284	16.096	16.076	16.117	HH	850384	20279122	31.94%	0.843%
285	16.150	16.117	16.245	HH	1003937	63496298	100.00%	2.639%
286	16.284	16.245	16.303	HH	926080	29098535	45.83%	1.209%
287	16.323	16.303	16.352	HH	895196	25419993	40.03%	1.056%
288	16.358	16.352	16.378	HH	871030	13114409	20.65%	0.545%
289	16.393	16.378	16.406	HH	857276	13714359	21.60%	0.570%
290	16.482	16.406	16.492	HH	951802	46087421	72.58%	1.915%
291	16.500	16.492	16.517	HH	957587	13956774	21.98%	0.580%
292	16.530	16.517	16.556	HH	908282	20473308	32.24%	0.851%
293	16.574	16.556	16.589	HH	880121	16778736	26.42%	0.697%
294	16.600	16.589	16.620	HH	909362	16730270	26.35%	0.695%
295	16.652	16.620	16.692	HH	1021514	39940414	62.90%	1.660%
296	16.704	16.692	16.721	HH	844559	14446909	22.75%	0.600%
297	16.733	16.721	16.755	HH	837581	16833330	26.51%	0.700%
298	16.777	16.755	16.812	HH	941653	30578853	48.16%	1.271%
299	16.832	16.812	16.868	HH	930779	29572407	46.57%	1.229%

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300	16.896	16.868	16.909	HH	875907	21033391	33.13%	0.874%
301	16.966	16.909	17.008	HH	932283	53442536	84.17%	2.221%
302	17.018	17.008	17.045	HH	886334	18640646	29.36%	0.775%
303	17.061	17.045	17.072	HH	854444	13100864	20.63%	0.544%
304	17.090	17.072	17.101	HH	849939	14814381	23.33%	0.616%
305	17.131	17.101	17.204	HH	904347	50227080	79.10%	2.087%
306	17.263	17.204	17.285	HH	821896	38351990	60.40%	1.594%
307	17.296	17.285	17.306	HH	804378	10077239	15.87%	0.419%
308	17.313	17.306	17.355	HH	784246	21823243	34.37%	0.907%
309	17.362	17.355	17.377	HH	741679	9729452	15.32%	0.404%
310	17.426	17.377	17.443	HH	793404	29853385	47.02%	1.241%
311	17.452	17.443	17.472	HH	769526	13058972	20.57%	0.543%
312	17.482	17.472	17.504	HH	731006	13419220	21.13%	0.558%
313	17.547	17.504	17.562	HH	715041	23941068	37.70%	0.995%
314	17.587	17.562	17.636	HH	727185	30714720	48.37%	1.276%
315	17.710	17.636	17.800	HH	676054	63148923	99.45%	2.624%
316	17.808	17.800	17.818	HH	616441	6607692	10.41%	0.275%
317	17.838	17.818	17.848	HH	617362	10889000	17.15%	0.453%
318	17.878	17.848	17.920	HH	654126	26679048	42.02%	1.109%
319	17.929	17.920	17.948	HH	586755	9524636	15.00%	0.396%
320	17.995	17.948	18.011	HH	574547	21189684	33.37%	0.881%
321	18.025	18.011	18.085	HH	592938	25108393	39.54%	1.043%
322	18.096	18.085	18.112	HH	528119	8326565	13.11%	0.346%
323	18.140	18.112	18.204	HH	548575	29336449	46.20%	1.219%
324	18.213	18.204	18.240	HH	518189	11146957	17.56%	0.463%
325	18.269	18.240	18.282	HH	496617	12153820	19.14%	0.505%
326	18.307	18.282	18.351	HH	517607	20405094	32.14%	0.848%
327	18.361	18.351	18.383	HH	468984	8825643	13.90%	0.367%
328	18.393	18.383	18.408	HH	465172	6989815	11.01%	0.290%
329	18.460	18.408	18.555	HH	474646	39461675	62.15%	1.640%
330	18.571	18.555	18.586	HH	442460	8112475	12.78%	0.337%
331	18.594	18.586	18.672	HH	437992	21414451	33.73%	0.890%
332	18.678	18.672	18.699	HH	398000	6463029	10.18%	0.269%
333	18.716	18.699	18.804	HH	413322	24553927	38.67%	1.020%
334	18.816	18.804	18.838	HH	383860	7601342	11.97%	0.316%
335	18.863	18.838	18.938	HH	390696	22267752	35.07%	0.925%
336	18.957	18.938	18.972	HH	358547	7148802	11.26%	0.297%
337	18.981	18.972	19.012	HH	356638	8464968	13.33%	0.352%
338	19.027	19.012	19.082	HH	354915	14145704	22.28%	0.588%
339	19.092	19.082	19.102	HH	323927	3799774	5.98%	0.158%
340	19.119	19.102	19.226	HH	332919	23126823	36.42%	0.961%
341	19.257	19.226	19.369	HH	311072	24508640	38.60%	1.018%
342	19.379	19.369	19.492	HH	275956	19477302	30.67%	0.809%
343	19.510	19.492	19.579	HH	260287	13005974	20.48%	0.540%
344	19.584	19.579	19.629	HH	247877	7047062	11.10%	0.293%
345	19.651	19.629	19.727	HH	242035	13628223	21.46%	0.566%
346	19.741	19.727	19.760	HH	223481	4457394	7.02%	0.185%
347	19.773	19.760	19.833	HH	221876	9434144	14.86%	0.392%
348	19.847	19.833	19.867	HH	213754	4273836	6.73%	0.178%
349	19.877	19.867	20.020	HH	205074	17978508	28.31%	0.747%
350	20.049	20.020	20.059	HH	192643	4347398	6.85%	0.181%
351	20.075	20.059	20.151	HH	194097	9995866	15.74%	0.415%

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352	20.159	20.151	20.167	HH	177986	1650255	2.60%	0.069%
353	20.175	20.167	20.252	HH	176097	8543970	13.46%	0.355%
354	20.264	20.252	20.299	HH	162221	4559904	7.18%	0.189%
355	20.309	20.299	20.373	HH	160301	6785046	10.69%	0.282%
356	20.409	20.373	20.514	HH	149832	12036311	18.96%	0.500%
357	20.541	20.514	20.599	HH	183284	7221781	11.37%	0.300%
358	20.611	20.599	20.677	HH	125307	5613818	8.84%	0.233%
359	20.688	20.677	20.876	HH	114596	12971780	20.43%	0.539%
360	20.893	20.876	20.912	HH	101238	2157295	3.40%	0.090%
361	20.917	20.912	20.987	HH	101347	4339216	6.83%	0.180%
362	20.998	20.987	21.011	HH	92209	1317200	2.07%	0.055%
363	21.021	21.011	21.031	HH	92365	1088082	1.71%	0.045%
364	21.044	21.031	21.183	HH	92963	7911984	12.46%	0.329%
365	21.198	21.183	21.208	HH	83193	1228070	1.93%	0.051%
366	21.234	21.208	21.268	HH	84767	3002020	4.73%	0.125%
367	21.283	21.268	21.359	HH	82439	4303539	6.78%	0.179%
368	21.382	21.359	21.585	HH	78140	9980059	15.72%	0.415%
369	21.592	21.585	21.602	HH	69059	706260	1.11%	0.029%
370	21.650	21.602	21.666	HH	69513	2632701	4.15%	0.109%
371	21.675	21.666	21.702	HH	69819	1516820	2.39%	0.063%
372	21.718	21.702	21.786	HH	69163	3324400	5.24%	0.138%
373	21.796	21.786	21.822	HH	64294	1385748	2.18%	0.058%
374	21.833	21.822	21.858	HH	64712	1368815	2.16%	0.057%
375	21.868	21.858	21.969	HH	64688	4218110	6.64%	0.175%
376	21.981	21.969	22.055	HH	62472	3184240	5.01%	0.132%
377	22.109	22.055	22.202	HH	62245	5305548	8.36%	0.220%
378	22.228	22.202	22.259	HH	59286	1982876	3.12%	0.082%
379	22.271	22.259	22.298	HH	57913	1372918	2.16%	0.057%
380	22.309	22.298	22.325	HH	57069	912059	1.44%	0.038%
381	22.337	22.325	22.375	HH	56596	1668830	2.63%	0.069%
382	22.400	22.375	22.412	HH	56594	1248871	1.97%	0.052%
383	22.441	22.412	22.518	HH	56713	3537565	5.57%	0.147%
384	22.533	22.518	22.576	HH	54802	1884073	2.97%	0.078%
385	22.591	22.576	22.664	HH	54898	2875899	4.53%	0.120%
386	22.674	22.664	22.684	HH	53490	612123	0.96%	0.025%
387	22.687	22.684	22.751	HH	52902	2089650	3.29%	0.087%
388	22.772	22.751	22.809	HH	52218	1821973	2.87%	0.076%
389	22.821	22.809	22.859	HH	51701	1515839	2.39%	0.063%
390	22.941	22.859	23.029	HH	54459	5315280	8.37%	0.221%
391	23.038	23.029	23.049	HH	50427	603278	0.95%	0.025%
392	23.055	23.049	23.167	HH	50615	3549995	5.59%	0.148%
393	23.192	23.167	23.333	HH	49559	4803807	7.57%	0.200%
394	23.343	23.333	23.367	HH	47752	969152	1.53%	0.040%
395	23.377	23.367	23.402	HH	47403	974621	1.53%	0.041%
396	23.451	23.402	23.475	HH	47466	2054337	3.24%	0.085%
397	23.490	23.475	23.512	HH	47397	1048219	1.65%	0.044%
398	23.518	23.512	23.546	HH	46800	945142	1.49%	0.039%
399	23.560	23.546	23.572	HH	46648	727926	1.15%	0.030%
400	23.632	23.572	23.646	HH	46769	2052524	3.23%	0.085%
401	23.658	23.646	23.709	HH	46857	1739455	2.74%	0.072%
402	23.742	23.709	23.812	HH	46316	2835474	4.47%	0.118%
403	23.821	23.812	23.835	HH	45080	614689	0.97%	0.026%
404	23.845	23.835	23.869	HH	44959	902726	1.42%	0.038%

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405	23.926	23.869	23.982	HH	45634	3049176	4.80%	0.127%
406	23.992	23.982	24.016	HH	44578	914292	1.44%	0.038%
407	24.039	24.016	24.053	HH	44270	986296	1.55%	0.041%
408	24.068	24.053	24.114	HH	43946	1571870	2.48%	0.065%
409	24.124	24.114	24.150	HH	43623	937048	1.48%	0.039%
410	24.160	24.150	24.229	HH	43516	2050165	3.23%	0.085%
411	24.235	24.229	24.255	HH	42913	685915	1.08%	0.029%
412	24.266	24.255	24.277	HH	42662	560296	0.88%	0.023%
413	24.291	24.277	24.321	HH	42962	1108815	1.75%	0.046%
414	24.345	24.321	24.364	HH	42997	1119875	1.76%	0.047%
415	24.380	24.364	24.442	HH	43111	1993313	3.14%	0.083%
416	24.458	24.442	24.534	HH	43151	2349459	3.70%	0.098%
417	24.547	24.534	24.573	HH	41923	961731	1.51%	0.040%
418	24.581	24.573	24.621	HH	41635	1201874	1.89%	0.050%
419	24.632	24.621	24.639	HH	41458	453304	0.71%	0.019%
420	24.646	24.639	24.665	HH	41513	644075	1.01%	0.027%
421	24.688	24.665	24.720	HH	41536	1351894	2.13%	0.056%
422	24.734	24.720	24.775	HH	41314	1376372	2.17%	0.057%
423	24.781	24.775	24.809	HH	41115	817592	1.29%	0.034%
424	24.822	24.809	24.850	HH	41002	1006361	1.58%	0.042%
425	24.863	24.850	24.872	HH	41092	546689	0.86%	0.023%
426	24.879	24.872	24.888	HH	41084	401322	0.63%	0.017%
427	24.901	24.888	24.932	HH	40982	1069786	1.68%	0.044%
428	24.941	24.932	24.962	HH	40939	733217	1.15%	0.030%
429	24.984	24.962	25.014	HH	40824	1263910	1.99%	0.053%
430	25.049	25.014	25.065	HH	40715	1250557	1.97%	0.052%
431	25.073	25.065	25.103	HH	40661	920024	1.45%	0.038%
432	25.156	25.103	25.272	HH	41364	4127829	6.50%	0.172%
433	25.290	25.272	25.346	HH	39960	1772625	2.79%	0.074%
434	25.357	25.346	25.419	HH	39679	1733304	2.73%	0.072%
435	25.432	25.419	25.490	HH	39595	1659100	2.61%	0.069%
436	25.535	25.490	25.572	HH	39054	1920947	3.03%	0.080%
437	25.581	25.572	25.591	HH	38927	435626	0.69%	0.018%
438	25.603	25.591	25.617	HH	38927	611376	0.96%	0.025%
439	25.661	25.617	25.707	HH	39655	2118248	3.34%	0.088%
440	25.745	25.707	25.818	HH	39829	2603590	4.10%	0.108%
441	25.828	25.818	25.841	HH	38753	533753	0.84%	0.022%
442	25.898	25.841	25.932	HH	38876	2112513	3.33%	0.088%
443	25.958	25.932	25.971	HH	38891	908123	1.43%	0.038%
444	25.990	25.971	26.022	HH	39129	1198994	1.89%	0.050%
445	26.035	26.022	26.051	HH	39099	669117	1.05%	0.028%
446	26.063	26.051	26.109	HH	39041	1371146	2.16%	0.057%
447	26.125	26.109	26.206	HH	38881	2226838	3.51%	0.093%
448	26.226	26.206	26.289	HH	38014	1871450	2.95%	0.078%
449	26.299	26.289	26.320	HH	37746	715640	1.13%	0.030%
450	26.334	26.320	26.357	HH	37672	827993	1.30%	0.034%
451	26.379	26.357	26.395	HH	37689	861075	1.36%	0.036%
452	26.409	26.395	26.422	HH	37730	602399	0.95%	0.025%
453	26.468	26.422	26.530	HH	38167	2439632	3.84%	0.101%
454	26.543	26.530	26.550	HH	37622	470856	0.74%	0.020%
455	26.676	26.550	26.805	HH	39142	5815977	9.16%	0.242%
456	26.812	26.805	26.844	HH	37228	867295	1.37%	0.036%

457 26.890 26.844 26.902 HHA 37451 1326197 2.09% 0.055%
rteres
Sum of corrected areas: 2406390060

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