

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE033018\
Data File : FE026499.D
Signal(s) : FID1B.CH
Acq On : 30 Mar 2018 14:19
Sample : J2086-02MS
Misc :
ALS Vial : 10 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	2.794	BH	-66	-3477	-0.00%	-0.000%
2	2.818	2.794	2.909	PH	138637	1031837	0.54%	0.017%
3	2.925	2.909	2.945	PH	131	75	0.00%	0.000%
4	2.976	2.945	2.995	PH	880	7209	0.00%	0.000%
5	3.015	2.995	3.040	HH	2047	22840	0.01%	0.000%
6	3.047	3.040	3.065	HH	233	2541	0.00%	0.000%
7	3.095	3.065	3.104	HH	1380	16961	0.01%	0.000%
8	3.116	3.104	3.164	HH	3694	45454	0.02%	0.001%
9	3.178	3.164	3.189	HH	355	4048	0.00%	0.000%
10	3.209	3.189	3.220	HH	695	7545	0.00%	0.000%
11	3.225	3.220	3.236	HH	524	3794	0.00%	0.000%
12	3.246	3.236	3.261	HH	531	4994	0.00%	0.000%
13	3.271	3.261	3.286	HH	554	4980	0.00%	0.000%
14	3.314	3.286	3.373	HH	851	21938	0.01%	0.000%
15	3.407	3.373	3.446	HH	1213	25074	0.01%	0.000%
16	3.458	3.446	3.472	HH	558	7082	0.00%	0.000%
17	3.486	3.472	3.502	HH	1633	19663	0.01%	0.000%
18	3.522	3.502	3.551	HH	1579	37133	0.02%	0.001%
19	3.566	3.551	3.581	HH	1990	23375	0.01%	0.000%
20	3.592	3.581	3.612	HH	1303	18034	0.01%	0.000%
21	3.626	3.612	3.649	HH	942	17026	0.01%	0.000%
22	3.667	3.649	3.702	HH	2802	42515	0.02%	0.001%
23	3.709	3.702	3.728	HH	810	11300	0.01%	0.000%
24	3.738	3.728	3.749	HH	808	8666	0.00%	0.000%
25	3.763	3.749	3.832	HH	10583	135066	0.07%	0.002%
26	3.839	3.832	3.848	HH	783	7569	0.00%	0.000%
27	3.866	3.848	3.912	HH	1537	40995	0.02%	0.001%
28	3.919	3.912	3.945	HH	922	16414	0.01%	0.000%
29	3.998	3.945	4.009	HH	1264	37438	0.02%	0.001%
30	4.020	4.009	4.046	HH	1267	26261	0.01%	0.000%
31	4.060	4.046	4.082	HH	1318	24502	0.01%	0.000%
32	4.111	4.082	4.129	HH	2311	43800	0.02%	0.001%
33	4.140	4.129	4.157	HH	1469	22409	0.01%	0.000%
34	4.185	4.157	4.197	HH	3522	50449	0.03%	0.001%
35	4.212	4.197	4.247	HH	3351	64091	0.03%	0.001%
36	4.273	4.247	4.309	HH	3098	65574	0.03%	0.001%

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37	4.316	4.309	4.340	HH	1374	24623	0.01%	0.000%
38	4.388	4.340	4.405	HH	2072	65661	0.03%	0.001%
39	4.416	4.405	4.439	HH	1778	31938	0.02%	0.001%
40	4.463	4.439	4.482	HH	1854	43575	0.02%	0.001%
41	4.489	4.482	4.517	HH	1878	36815	0.02%	0.001%
42	4.540	4.517	4.582	HH	42178	457100	0.24%	0.008%
43	4.600	4.582	4.635	HH	9065	144559	0.08%	0.002%
44	4.661	4.635	4.709	HH	3663	123185	0.06%	0.002%
45	4.715	4.709	4.736	HH	2303	36720	0.02%	0.001%
46	4.775	4.736	4.815	HH	4652	137372	0.07%	0.002%
47	4.829	4.815	4.839	HH	2529	35417	0.02%	0.001%
48	4.850	4.839	4.892	HH	2545	70725	0.04%	0.001%
49	4.922	4.892	4.949	HH	2731	80673	0.04%	0.001%
50	4.977	4.949	5.029	HH	375213	3181840	1.67%	0.052%
51	5.055	5.029	5.111	HH	3391	143909	0.08%	0.002%
52	5.132	5.111	5.150	HH	3047	65697	0.03%	0.001%
53	5.159	5.150	5.175	HH	2897	42355	0.02%	0.001%
54	5.199	5.175	5.212	HH	3662	67135	0.04%	0.001%
55	5.222	5.212	5.254	HH	3436	78674	0.04%	0.001%
56	5.273	5.254	5.297	HH	4404	85926	0.04%	0.001%
57	5.339	5.297	5.364	HH	4079	133151	0.07%	0.002%
58	5.380	5.364	5.395	HH	3929	64996	0.03%	0.001%
59	5.412	5.395	5.439	HH	3952	88851	0.05%	0.001%
60	5.453	5.439	5.469	HH	3093	53345	0.03%	0.001%
61	5.491	5.469	5.501	HH	3965	65641	0.03%	0.001%
62	5.518	5.501	5.567	HH	6407	170474	0.09%	0.003%
63	5.586	5.567	5.612	HH	4855	104405	0.05%	0.002%
64	5.634	5.612	5.650	HH	3669	77080	0.04%	0.001%
65	5.679	5.650	5.712	HH	4756	143281	0.07%	0.002%
66	5.729	5.712	5.771	HH	4199	132089	0.07%	0.002%
67	5.810	5.771	5.832	HH	3849	130865	0.07%	0.002%
68	5.849	5.832	5.869	HH	7571	117046	0.06%	0.002%
69	5.882	5.869	5.898	HH	4709	73437	0.04%	0.001%
70	5.930	5.898	5.949	HH	4728	128567	0.07%	0.002%
71	5.962	5.949	5.980	HH	5280	85075	0.04%	0.001%
72	5.995	5.980	6.010	HH	4495	74432	0.04%	0.001%
73	6.028	6.010	6.072	HH	5958	167695	0.09%	0.003%
74	6.086	6.072	6.112	HH	6513	118871	0.06%	0.002%
75	6.130	6.112	6.162	HH	5843	139778	0.07%	0.002%
76	6.188	6.162	6.206	HH	4471	112404	0.06%	0.002%
77	6.250	6.206	6.279	HH	7583	224720	0.12%	0.004%
78	6.325	6.279	6.335	HH	5622	169228	0.09%	0.003%
79	6.348	6.335	6.382	HH	6159	151248	0.08%	0.002%
80	6.391	6.382	6.422	HH	5228	117075	0.06%	0.002%
81	6.459	6.422	6.473	HH	6512	182957	0.10%	0.003%
82	6.483	6.473	6.494	HH	5825	71610	0.04%	0.001%
83	6.508	6.494	6.532	HH	6054	126880	0.07%	0.002%
84	6.563	6.532	6.577	HH	7336	166743	0.09%	0.003%
85	6.594	6.577	6.608	HH	10313	150573	0.08%	0.002%
86	6.622	6.608	6.639	HH	11163	165132	0.09%	0.003%
87	6.662	6.639	6.698	HH	10244	291472	0.15%	0.005%
88	6.722	6.698	6.759	HH	13782	340797	0.18%	0.006%
89	6.780	6.759	6.788	HH	12413	172592	0.09%	0.003%

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90	6.807	6.788	6.835	HH	14728	315135	0.16%	0.005%
91	6.868	6.835	6.879	HH	13749	277998	0.15%	0.005%
92	6.888	6.879	6.925	HH	12331	261328	0.14%	0.004%
93	6.988	6.925	6.997	HH	16384	482812	0.25%	0.008%
94	7.022	6.997	7.079	HH	466149	4544104	2.38%	0.075%
95	7.119	7.079	7.139	HH	17612	446953	0.23%	0.007%
96	7.163	7.139	7.183	HH	17171	376937	0.20%	0.006%
97	7.193	7.183	7.206	HH	15564	208224	0.11%	0.003%
98	7.227	7.206	7.249	HH	19117	427341	0.22%	0.007%
99	7.261	7.249	7.285	HH	17479	335204	0.18%	0.006%
100	7.298	7.285	7.308	HH	17774	214699	0.11%	0.004%
101	7.324	7.308	7.345	HH	27811	442999	0.23%	0.007%
102	7.394	7.345	7.415	HH	26228	770296	0.40%	0.013%
103	7.458	7.415	7.485	HH	30435	927147	0.49%	0.015%
104	7.504	7.485	7.517	HH	25674	439054	0.23%	0.007%
105	7.531	7.517	7.543	HH	29392	410607	0.21%	0.007%
106	7.564	7.543	7.586	HH	34685	760904	0.40%	0.013%
107	7.630	7.586	7.669	HH	34993	1504545	0.79%	0.025%
108	7.688	7.669	7.704	HH	42829	693982	0.36%	0.011%
109	7.731	7.704	7.746	HH	44782	969856	0.51%	0.016%
110	7.788	7.746	7.831	HH	42559	1941128	1.02%	0.032%
111	7.867	7.831	7.884	HH	52227	1284728	0.67%	0.021%
112	7.903	7.884	7.920	HH	53935	954520	0.50%	0.016%
113	7.965	7.920	7.983	HH	77718	2071340	1.08%	0.034%
114	7.992	7.983	8.002	HH	55593	614716	0.32%	0.010%
115	8.021	8.002	8.055	HH	63185	1807990	0.95%	0.030%
116	8.072	8.055	8.098	HH	60461	1422757	0.74%	0.023%
117	8.121	8.098	8.136	HH	64000	1355120	0.71%	0.022%
118	8.182	8.136	8.217	HH	100921	3640789	1.91%	0.060%
119	8.231	8.217	8.241	HH	60432	819518	0.43%	0.013%
120	8.260	8.241	8.271	HH	88287	1368559	0.72%	0.022%
121	8.293	8.271	8.329	HH	142630	3440664	1.80%	0.057%
122	8.342	8.329	8.352	HH	78966	1056646	0.55%	0.017%
123	8.360	8.352	8.369	HH	78805	786256	0.41%	0.013%
124	8.389	8.369	8.403	HH	104069	1894764	0.99%	0.031%
125	8.428	8.403	8.447	HH	140412	3127711	1.64%	0.051%
126	8.456	8.447	8.470	HH	129289	1673502	0.88%	0.027%
127	8.481	8.470	8.492	HH	122486	1573196	0.82%	0.026%
128	8.499	8.492	8.518	HH	119124	1712396	0.90%	0.028%
129	8.576	8.518	8.591	HH	153018	5516289	2.89%	0.091%
130	8.614	8.591	8.637	HH	230974	4800167	2.51%	0.079%
131	8.679	8.637	8.697	HH	189237	5696438	2.98%	0.094%
132	8.740	8.697	8.748	HH	176898	5100092	2.67%	0.084%
133	8.763	8.748	8.789	HH	206820	4668885	2.44%	0.077%
134	8.802	8.789	8.813	HH	187308	2543698	1.33%	0.042%
135	8.845	8.813	8.870	HH	659379	11175763	5.85%	0.184%
136	8.915	8.870	8.930	HH	316705	8805348	4.61%	0.145%
137	8.940	8.930	8.951	HH	229225	2818874	1.48%	0.046%
138	8.969	8.951	8.992	HH	256752	5577423	2.92%	0.092%
139	9.053	8.992	9.077	HH	735056	18305064	9.58%	0.301%
140	9.102	9.077	9.123	HH	350933	8345471	4.37%	0.137%
141	9.152	9.123	9.198	HH	373942	14252963	7.46%	0.234%

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142	9.231	9.198	9.252	HH	361407	10067982	5.27%	0.165%
143	9.286	9.252	9.305	HH	559742	13350293	6.99%	0.219%
144	9.322	9.305	9.334	HH	412521	6608450	3.46%	0.109%
145	9.357	9.334	9.376	HH	922612	15832077	8.29%	0.260%
146	9.396	9.376	9.404	HH	595730	8868500	4.64%	0.146%
147	9.422	9.404	9.471	HH	700859	21504357	11.25%	0.353%
148	9.500	9.471	9.516	HH	578748	13050823	6.83%	0.214%
149	9.534	9.516	9.557	HH	653122	13671311	7.16%	0.225%
150	9.573	9.557	9.599	HH	595507	13324396	6.97%	0.219%
151	9.622	9.599	9.635	HH	772810	13354292	6.99%	0.219%
152	9.644	9.635	9.664	HH	666929	10510035	5.50%	0.173%
153	9.682	9.664	9.699	HH	665269	12313356	6.44%	0.202%
154	9.709	9.699	9.731	HH	560318	10548764	5.52%	0.173%
155	9.763	9.731	9.774	HH	694272	15523989	8.12%	0.255%
156	9.788	9.774	9.803	HH	739812	11463278	6.00%	0.188%
157	9.814	9.803	9.830	HH	691171	10442136	5.47%	0.172%
158	9.844	9.830	9.857	HH	624378	9517752	4.98%	0.156%
159	9.882	9.857	9.902	HH	688976	16962037	8.88%	0.279%
160	9.953	9.902	9.998	HH	775760	40053804	20.96%	0.658%
161	10.048	9.998	10.071	HH	1019854	36143802	18.92%	0.594%
162	10.082	10.071	10.090	HH	825522	9029514	4.73%	0.148%
163	10.143	10.090	10.163	HH	1599121	46516386	24.35%	0.764%
164	10.218	10.163	10.233	HH	1069647	39555413	20.70%	0.650%
165	10.247	10.233	10.266	HH	1086822	18872906	9.88%	0.310%
166	10.345	10.266	10.377	HH	1087926	64801788	33.92%	1.065%
167	10.405	10.377	10.422	HH	1034874	26926783	14.09%	0.442%
168	10.432	10.422	10.445	HH	1060513	14531756	7.61%	0.239%
169	10.482	10.445	10.516	HH	1221465	47491217	24.86%	0.780%
170	10.533	10.516	10.554	HH	1164221	25764353	13.48%	0.423%
171	10.566	10.554	10.585	HH	1114973	20218612	10.58%	0.332%
172	10.623	10.585	10.645	HH	1184648	40489482	21.19%	0.665%
173	10.656	10.645	10.671	HH	1133604	17571649	9.20%	0.289%
174	10.729	10.671	10.737	HH	1217765	46323970	24.24%	0.761%
175	10.763	10.737	10.775	HH	1284486	28883157	15.12%	0.475%
176	10.845	10.775	10.854	HH	1380334	63012377	32.98%	1.035%
177	10.906	10.854	10.919	HH	1499267	55423257	29.01%	0.911%
178	10.931	10.919	10.951	HH	1516367	29147060	15.25%	0.479%
179	10.970	10.951	10.982	HH	1540245	28025263	14.67%	0.460%
180	11.066	10.982	11.075	HH	1680166	89082541	46.62%	1.464%
181	11.086	11.075	11.103	HH	1692416	28539626	14.94%	0.469%
182	11.133	11.103	11.141	HH	1688288	38018821	19.90%	0.625%
183	11.197	11.141	11.209	HH	1776740	70792461	37.05%	1.163%
184	11.217	11.209	11.231	HH	1773606	22929477	12.00%	0.377%
185	11.257	11.231	11.265	HH	1810160	36983944	19.36%	0.608%
186	11.354	11.265	11.395	HH	2158059	155809344	81.55%	2.560%
187	11.416	11.395	11.438	HH	2070923	51887815	27.16%	0.853%
188	11.479	11.438	11.491	HH	2074267	65399023	34.23%	1.075%
189	11.593	11.491	11.619	HH	2213624	164997285	86.36%	2.711%
190	11.636	11.619	11.644	HH	2217272	33321171	17.44%	0.547%
191	11.692	11.644	11.749	HH	2292890	142592161	74.63%	2.343%
192	11.806	11.749	11.811	HH	2399922	87718562	45.91%	1.441%
193	11.835	11.811	11.864	HH	2442583	76203140	39.88%	1.252%
194	11.876	11.864	11.894	HH	2465473	44295884	23.18%	0.728%

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195	11.909	11.894	11.922	HH	2396977	39845303	20.85%	0.655%
196	11.986	11.922	12.042	HH	2649819	181146809	94.81%	2.976%
197	12.090	12.042	12.166	HH	2630017	187688430	98.23%	3.084%
198	12.199	12.166	12.219	HH	2448436	76446062	40.01%	1.256%
199	12.291	12.219	12.347	HH	2548384	191067141	100.00%	3.139%
200	12.359	12.347	12.367	HH	2507562	30087384	15.75%	0.494%
201	12.379	12.367	12.399	HH	2505012	46889908	24.54%	0.770%
202	12.409	12.399	12.442	HH	2499320	63691323	33.33%	1.047%
203	12.449	12.442	12.459	HH	2473053	24468337	12.81%	0.402%
204	12.511	12.459	12.525	HH	2613687	101127640	52.93%	1.662%
205	12.549	12.525	12.559	HH	2548014	51678655	27.05%	0.849%
206	12.575	12.559	12.625	HH	2580977	98468074	51.54%	1.618%
207	12.679	12.625	12.752	HH	2529520	184527602	96.58%	3.032%
208	12.808	12.752	12.845	HH	2346283	129051613	67.54%	2.120%
209	12.862	12.845	12.926	HH	2308481	107416632	56.22%	1.765%
210	12.960	12.926	12.973	HH	2204414	60803099	31.82%	0.999%
211	13.002	12.973	13.049	HH	2325669	101748799	53.25%	1.672%
212	13.064	13.049	13.076	HH	2080549	32717896	17.12%	0.538%
213	13.103	13.076	13.121	HH	2110035	55162346	28.87%	0.906%
214	13.131	13.121	13.149	HH	2054610	33819258	17.70%	0.556%
215	13.165	13.149	13.256	HH	2037987	125216657	65.54%	2.057%
216	13.297	13.256	13.348	HH	2219667	102914918	53.86%	1.691%
217	13.358	13.348	13.382	HH	1780952	35293772	18.47%	0.580%
218	13.402	13.382	13.415	HH	1775655	35399496	18.53%	0.582%
219	13.438	13.415	13.468	HH	1829673	54874579	28.72%	0.902%
220	13.480	13.468	13.519	HH	1675623	48587353	25.43%	0.798%
221	13.534	13.519	13.594	HH	1575697	68130294	35.66%	1.119%
222	13.605	13.594	13.718	HH	1476136	104192727	54.53%	1.712%
223	13.748	13.718	13.770	HH	1434328	43000025	22.51%	0.707%
224	13.785	13.770	13.896	HH	1345409	92306485	48.31%	1.517%
225	13.906	13.896	13.911	HH	1134939	10221890	5.35%	0.168%
226	13.937	13.911	13.975	HH	1263944	43524882	22.78%	0.715%
227	13.989	13.975	13.999	HH	1052897	14526376	7.60%	0.239%
228	14.018	13.999	14.099	HH	1093795	60845374	31.85%	1.000%
229	14.101	14.099	14.145	HH	988202	26711446	13.98%	0.439%
230	14.158	14.145	14.202	HH	963687	30680939	16.06%	0.504%
231	14.213	14.202	14.262	HH	883472	30242746	15.83%	0.497%
232	14.272	14.262	14.297	HH	816898	16629747	8.70%	0.273%
233	14.306	14.297	14.362	HH	795676	29761547	15.58%	0.489%
234	14.375	14.362	14.439	HH	752092	32593374	17.06%	0.536%
235	14.460	14.439	14.525	HH	1014470	36649147	19.18%	0.602%
236	14.541	14.525	14.575	HH	621100	17885213	9.36%	0.294%
237	14.591	14.575	14.724	HH	598213	48346970	25.30%	0.794%
238	14.753	14.724	14.879	HH	505753	42025717	22.00%	0.691%
239	14.895	14.879	15.015	HH	410524	30886268	16.17%	0.507%
240	15.023	15.015	15.092	HH	360138	15496270	8.11%	0.255%
241	15.103	15.092	15.140	HH	319723	8965808	4.69%	0.147%
242	15.155	15.140	15.240	HH	309894	17535663	9.18%	0.288%
243	15.258	15.240	15.303	HH	271863	9796015	5.13%	0.161%
244	15.344	15.303	15.374	HH	560092	14122521	7.39%	0.232%
245	15.385	15.374	15.409	HH	230393	4646812	2.43%	0.076%
246	15.418	15.409	15.520	HH	223035	14017092	7.34%	0.230%

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247	15.548	15.520	15.588	HH	559192	12238234	6.41%	0.201%
248	15.611	15.588	15.639	HH	247842	6294549	3.29%	0.103%
249	15.651	15.639	15.672	HH	177119	3384121	1.77%	0.056%
250	15.694	15.672	15.717	HH	170171	4537960	2.38%	0.075%
251	15.739	15.717	15.782	HH	171112	6382531	3.34%	0.105%
252	15.792	15.782	15.836	HH	160882	4913389	2.57%	0.081%
253	15.854	15.836	15.892	HH	151199	4911408	2.57%	0.081%
254	15.909	15.892	15.924	HH	145164	2749614	1.44%	0.045%
255	15.960	15.924	16.072	HH	182476	13871293	7.26%	0.228%
256	16.098	16.072	16.170	HH	157541	7578683	3.97%	0.125%
257	16.187	16.170	16.212	HH	133601	3106906	1.63%	0.051%
258	16.231	16.212	16.256	HH	126260	3132820	1.64%	0.051%
259	16.269	16.256	16.304	HH	115623	3205985	1.68%	0.053%
260	16.321	16.304	16.332	HH	108988	1804407	0.94%	0.030%
261	16.346	16.332	16.363	HH	109733	1952915	1.02%	0.032%
262	16.383	16.363	16.424	HH	116135	4042664	2.12%	0.066%
263	16.434	16.424	16.445	HH	104759	1283038	0.67%	0.021%
264	16.459	16.445	16.485	HH	103367	2435530	1.27%	0.040%
265	16.515	16.485	16.532	HH	102555	2814043	1.47%	0.046%
266	16.569	16.532	16.622	HH	426602	8898934	4.66%	0.146%
267	16.641	16.622	16.726	HH	96738	5822086	3.05%	0.096%
268	16.735	16.726	16.745	HH	92388	1074054	0.56%	0.018%
269	16.757	16.745	16.794	HH	91709	2642510	1.38%	0.043%
270	16.817	16.794	16.835	HH	97451	2318531	1.21%	0.038%
271	16.838	16.835	16.869	HH	94184	1855718	0.97%	0.030%
272	16.906	16.869	16.947	HH	97046	4326495	2.26%	0.071%
273	17.035	16.947	17.072	HH	99392	7040817	3.68%	0.116%
274	17.128	17.072	17.145	HH	158152	4816046	2.52%	0.079%
275	17.155	17.145	17.185	HH	117707	2413191	1.26%	0.040%
276	17.200	17.185	17.214	HH	89084	1529345	0.80%	0.025%
277	17.258	17.214	17.306	HH	106591	5182113	2.71%	0.085%
278	17.342	17.306	17.366	HH	90897	3207446	1.68%	0.053%
279	17.456	17.366	17.479	HH	133910	6746818	3.53%	0.111%
280	17.524	17.479	17.559	HH	441358	8520037	4.46%	0.140%
281	17.611	17.559	17.633	HH	115433	4415338	2.31%	0.073%
282	17.661	17.633	17.688	HH	94876	3078945	1.61%	0.051%
283	17.705	17.688	17.731	HH	93758	2361817	1.24%	0.039%
284	17.755	17.731	17.787	HH	99012	3228272	1.69%	0.053%
285	17.810	17.787	17.839	HH	98247	2998623	1.57%	0.049%
286	17.870	17.839	17.895	HH	100093	3342377	1.75%	0.055%
287	17.908	17.895	17.930	HH	100944	2066040	1.08%	0.034%
288	17.974	17.930	17.997	HH	122843	4242880	2.22%	0.070%
289	18.015	17.997	18.050	HH	105899	3297921	1.73%	0.054%
290	18.071	18.050	18.085	HH	103074	2103572	1.10%	0.035%
291	18.103	18.085	18.125	HH	105931	2484545	1.30%	0.041%
292	18.175	18.125	18.192	HH	106987	4100726	2.15%	0.067%
293	18.208	18.192	18.245	HH	105275	3239418	1.70%	0.053%
294	18.267	18.245	18.285	HH	101233	2416418	1.26%	0.040%
295	18.308	18.285	18.339	HH	105341	3238952	1.70%	0.053%
296	18.418	18.339	18.442	HH	440329	10425923	5.46%	0.171%
297	18.477	18.442	18.494	HH	118405	3596925	1.88%	0.059%
298	18.508	18.494	18.536	HH	119155	2805611	1.47%	0.046%
299	18.570	18.536	18.587	HH	107737	3268424	1.71%	0.054%

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300	18.610	18.587	18.625	HH	111334	2462289	1.29%	0.040%
301	18.648	18.625	18.696	HH	129230	5031106	2.63%	0.083%
302	18.714	18.696	18.736	HH	117999	2759865	1.44%	0.045%
303	18.748	18.736	18.765	HH	113409	1929515	1.01%	0.032%
304	18.839	18.765	18.881	HH	161422	9503974	4.97%	0.156%
305	18.899	18.881	18.921	HH	158901	3341062	1.75%	0.055%
306	18.937	18.921	18.957	HH	126995	2619421	1.37%	0.043%
307	18.974	18.957	18.997	HH	125781	2925619	1.53%	0.048%
308	19.023	18.997	19.044	HH	138230	3581206	1.87%	0.059%
309	19.059	19.044	19.089	HH	129148	3388628	1.77%	0.056%
310	19.104	19.089	19.130	HH	121463	2936546	1.54%	0.048%
311	19.161	19.130	19.212	HH	157993	6496905	3.40%	0.107%
312	19.257	19.212	19.282	HH	511250	10045461	5.26%	0.165%
313	19.294	19.282	19.322	HH	134530	3107068	1.63%	0.051%
314	19.357	19.322	19.384	HH	136464	4706597	2.46%	0.077%
315	19.405	19.384	19.419	HH	127304	2614304	1.37%	0.043%
316	19.444	19.419	19.465	HH	134919	3652606	1.91%	0.060%
317	19.490	19.465	19.523	HH	135771	4535101	2.37%	0.075%
318	19.536	19.523	19.558	HH	130700	2743320	1.44%	0.045%
319	19.593	19.558	19.605	HH	135868	3760081	1.97%	0.062%
320	19.655	19.605	19.666	HH	158193	5217177	2.73%	0.086%
321	19.675	19.666	19.723	HH	154582	5120853	2.68%	0.084%
322	19.738	19.723	19.759	HH	146161	3066765	1.61%	0.050%
323	19.770	19.759	19.805	HH	147435	4026372	2.11%	0.066%
324	19.866	19.805	19.909	HH	150153	8902860	4.66%	0.146%
325	19.916	19.909	19.922	HH	141217	1167471	0.61%	0.019%
326	19.933	19.922	19.945	HH	141853	1920286	1.01%	0.032%
327	19.948	19.945	19.972	HH	141791	2228809	1.17%	0.037%
328	20.047	19.972	20.082	HH	542656	14286891	7.48%	0.235%
329	20.090	20.082	20.122	HH	146214	3427379	1.79%	0.056%
330	20.178	20.122	20.204	HH	166460	7529620	3.94%	0.124%
331	20.247	20.204	20.271	HH	158006	6180743	3.23%	0.102%
332	20.326	20.271	20.356	HH	170496	8114267	4.25%	0.133%
333	20.394	20.356	20.405	HH	168669	4820644	2.52%	0.079%
334	20.416	20.405	20.438	HH	169104	3218202	1.68%	0.053%
335	20.455	20.438	20.471	HH	164712	3164688	1.66%	0.052%
336	20.496	20.471	20.583	HH	170967	10871601	5.69%	0.179%
337	20.593	20.583	20.603	HH	156692	1824012	0.95%	0.030%
338	20.619	20.603	20.640	HH	157419	3451858	1.81%	0.057%
339	20.669	20.640	20.695	HH	157595	5157557	2.70%	0.085%
340	20.734	20.695	20.779	HH	170830	8115443	4.25%	0.133%
341	20.821	20.779	20.889	HH	515530	15256599	7.98%	0.251%
342	20.896	20.889	20.912	HH	154059	2148696	1.12%	0.035%
343	20.921	20.912	20.939	HH	154957	2452143	1.28%	0.040%
344	20.980	20.939	21.005	HH	156083	6124131	3.21%	0.101%
345	21.023	21.005	21.032	HH	151873	2382515	1.25%	0.039%
346	21.043	21.032	21.058	HH	152132	2388375	1.25%	0.039%
347	21.068	21.058	21.089	HH	152488	2804486	1.47%	0.046%
348	21.100	21.089	21.127	HH	149870	3414216	1.79%	0.056%
349	21.141	21.127	21.177	HH	150901	4378853	2.29%	0.072%
350	21.198	21.177	21.223	HH	149908	4165229	2.18%	0.068%
351	21.248	21.223	21.264	HH	153709	3636079	1.90%	0.060%

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352	21.277	21.264	21.349	HH	149839	7448953	3.90%	0.122%
353	21.358	21.349	21.368	HH	146753	1687824	0.88%	0.028%
354	21.378	21.368	21.389	HH	145728	1789829	0.94%	0.029%
355	21.425	21.389	21.435	HH	147068	4026103	2.11%	0.066%
356	21.444	21.435	21.460	HH	148104	2199977	1.15%	0.036%
357	21.468	21.460	21.505	HH	146099	3868419	2.02%	0.064%
358	21.531	21.505	21.681	HH	144050	14874122	7.78%	0.244%
359	21.748	21.681	21.799	HH	405402	14491376	7.58%	0.238%
360	21.814	21.799	21.832	HH	136797	2667321	1.40%	0.044%
361	21.844	21.832	21.915	HH	137414	6708155	3.51%	0.110%
362	21.930	21.915	21.943	HH	135193	2246252	1.18%	0.037%
363	21.994	21.943	22.043	HH	136026	8021760	4.20%	0.132%
364	22.076	22.043	22.095	HH	132544	4062244	2.13%	0.067%
365	22.135	22.095	22.179	HH	133677	6615583	3.46%	0.109%
366	22.193	22.179	22.215	HH	130017	2819700	1.48%	0.046%
367	22.242	22.215	22.252	HH	131040	2822847	1.48%	0.046%
368	22.292	22.252	22.345	HH	134380	7279092	3.81%	0.120%
369	22.358	22.345	22.371	HH	128872	1941319	1.02%	0.032%
370	22.384	22.371	22.405	HH	129020	2622281	1.37%	0.043%
371	22.415	22.405	22.433	HH	130309	2092353	1.10%	0.034%
372	22.462	22.433	22.472	HH	127864	2978256	1.56%	0.049%
373	22.481	22.472	22.495	HH	127039	1772561	0.93%	0.029%
374	22.499	22.495	22.517	HH	126764	1656718	0.87%	0.027%
375	22.531	22.517	22.670	HH	126272	11188925	5.86%	0.184%
376	22.685	22.670	22.703	HH	122366	2393325	1.25%	0.039%
377	22.713	22.703	22.771	HH	122162	4951129	2.59%	0.081%
378	22.783	22.771	22.816	HH	118798	3163927	1.66%	0.052%
379	22.859	22.816	22.879	HH	121787	4548715	2.38%	0.075%
380	22.947	22.879	23.022	HH	310308	15160420	7.93%	0.249%
381	23.031	23.022	23.043	HH	117464	1476450	0.77%	0.024%
382	23.052	23.043	23.059	HH	116289	1110127	0.58%	0.018%
383	23.067	23.059	23.082	HH	116173	1582575	0.83%	0.026%
384	23.089	23.082	23.118	HH	116305	2484808	1.30%	0.041%
385	23.127	23.118	23.148	HH	116681	2091270	1.09%	0.034%
386	23.155	23.148	23.172	HH	114581	1626127	0.85%	0.027%
387	23.184	23.172	23.212	HH	115401	2718776	1.42%	0.045%
388	23.222	23.212	23.246	HH	113902	2318373	1.21%	0.038%
389	23.254	23.246	23.289	HH	112702	2823417	1.48%	0.046%
390	23.304	23.289	23.387	HH	112460	6529035	3.42%	0.107%
391	23.415	23.387	23.436	HH	111726	3254186	1.70%	0.053%
392	23.459	23.436	23.487	HH	111887	3386625	1.77%	0.056%
393	23.498	23.487	23.526	HH	110472	2502778	1.31%	0.041%
394	23.536	23.526	23.569	HH	109827	2767876	1.45%	0.045%
395	23.581	23.569	23.592	HH	106780	1450684	0.76%	0.024%
396	23.613	23.592	23.639	HH	109715	3048463	1.60%	0.050%
397	23.653	23.639	23.740	HH	113610	6623223	3.47%	0.109%
398	23.751	23.740	23.766	HH	105439	1620406	0.85%	0.027%
399	23.797	23.766	23.810	HH	106286	2778030	1.45%	0.046%
400	23.818	23.810	23.862	HH	104910	3244054	1.70%	0.053%
401	23.879	23.862	23.896	HH	104626	2098048	1.10%	0.034%
402	23.923	23.896	23.956	HH	104941	3774622	1.98%	0.062%
403	23.966	23.956	23.986	HH	104658	1833967	0.96%	0.030%
404	24.008	23.986	24.045	HH	103993	3636208	1.90%	0.060%

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405	24.053	24.045	24.068	HH	102797	1395877	0.73%	0.023%
406	24.086	24.068	24.113	HH	102149	2726901	1.43%	0.045%
407	24.132	24.113	24.159	HH	102006	2737489	1.43%	0.045%
408	24.165	24.159	24.175	HH	100066	991382	0.52%	0.016%
409	24.187	24.175	24.210	HH	99912	2059805	1.08%	0.034%
410	24.220	24.210	24.242	HH	100342	1926797	1.01%	0.032%
411	24.252	24.242	24.265	HH	99796	1328423	0.70%	0.022%
412	24.274	24.265	24.367	HH	100849	6015634	3.15%	0.099%
413	24.384	24.367	24.412	HH	99486	2656830	1.39%	0.044%
414	24.423	24.412	24.430	HH	98849	1013998	0.53%	0.017%
415	24.435	24.430	24.446	HH	98748	963680	0.50%	0.016%
416	24.457	24.446	24.468	HH	97202	1251471	0.65%	0.021%
417	24.515	24.468	24.562	HH	103915	5697022	2.98%	0.094%
418	24.574	24.562	24.603	HH	97168	2354266	1.23%	0.039%
419	24.612	24.603	24.668	HH	96932	3662762	1.92%	0.060%
420	24.679	24.668	24.695	HH	95222	1512162	0.79%	0.025%
421	24.704	24.695	24.726	HH	94788	1774369	0.93%	0.029%
422	24.735	24.726	24.760	HH	94037	1895609	0.99%	0.031%
423	24.777	24.760	24.786	HH	94741	1488171	0.78%	0.024%
424	24.793	24.786	24.811	HH	93266	1380646	0.72%	0.023%
425	24.821	24.811	24.859	HH	93394	2630048	1.38%	0.043%
426	24.886	24.859	24.929	HH	92512	3833365	2.01%	0.063%
427	24.958	24.929	24.969	HH	91945	2192026	1.15%	0.036%
428	24.989	24.969	25.037	HH	92989	3737532	1.96%	0.061%
429	25.058	25.037	25.068	HH	91601	1684509	0.88%	0.028%
430	25.087	25.068	25.117	HH	91468	2666463	1.40%	0.044%
431	25.128	25.117	25.152	HH	90745	1862837	0.97%	0.031%
432	25.165	25.152	25.195	HH	90785	2332676	1.22%	0.038%
433	25.207	25.195	25.221	HH	90804	1416201	0.74%	0.023%
434	25.231	25.221	25.264	HH	89647	2301639	1.20%	0.038%
435	25.274	25.264	25.292	HH	88417	1457409	0.76%	0.024%
436	25.302	25.292	25.332	HH	88877	2100837	1.10%	0.035%
437	25.358	25.332	25.369	HH	88789	1933692	1.01%	0.032%
438	25.396	25.369	25.435	HH	88370	3489001	1.83%	0.057%
439	25.447	25.435	25.454	HH	88171	982408	0.51%	0.016%
440	25.482	25.454	25.492	HH	91350	2042980	1.07%	0.034%
441	25.498	25.492	25.505	HH	91331	701876	0.37%	0.012%
442	25.513	25.505	25.550	HH	89791	2385865	1.25%	0.039%
443	25.562	25.550	25.641	HH	87188	4632996	2.42%	0.076%
444	25.674	25.641	25.695	HH	85339	2758844	1.44%	0.045%
445	25.705	25.695	25.749	HH	85498	2729200	1.43%	0.045%
446	25.764	25.749	25.829	HH	84652	4006039	2.10%	0.066%
447	25.861	25.829	25.907	HH	84300	3893778	2.04%	0.064%
448	25.925	25.907	25.955	HH	83093	2381881	1.25%	0.039%
449	25.966	25.955	25.989	HH	83251	1663217	0.87%	0.027%
450	26.001	25.989	26.026	HH	82659	1813278	0.95%	0.030%
451	26.047	26.026	26.091	HH	82509	3176628	1.66%	0.052%
452	26.105	26.091	26.123	HH	82029	1532053	0.80%	0.025%
453	26.132	26.123	26.141	HH	81000	881218	0.46%	0.014%
454	26.166	26.141	26.199	HH	81727	2784068	1.46%	0.046%
455	26.211	26.199	26.222	HH	80328	1115198	0.58%	0.018%
456	26.233	26.222	26.257	HH	80152	1692680	0.89%	0.028%

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457	26.280	26.257	26.313	HH	80497	2668296	1.40%	0.044%
458	26.326	26.313	26.346	HH	79886	1536582	0.80%	0.025%
459	26.364	26.346	26.379	HH	79692	1556198	0.81%	0.026%
460	26.395	26.379	26.410	HH	79586	1494476	0.78%	0.025%
461	26.419	26.410	26.447	HH	78480	1725028	0.90%	0.028%
462	26.463	26.447	26.490	HH	78913	1996342	1.04%	0.033%
463	26.503	26.490	26.552	HH	78906	2889240	1.51%	0.047%
464	26.565	26.552	26.578	HH	78044	1204506	0.63%	0.020%
465	26.677	26.578	26.723	HH	81512	6883637	3.60%	0.113%
466	26.745	26.723	26.778	HH	77227	2513217	1.32%	0.041%
467	26.806	26.778	26.839	HH	77390	2831564	1.48%	0.047%
468	26.852	26.839	26.875	HH	76403	1599809	0.84%	0.026%
469	26.889	26.875	26.902	HHA	75856	1305785	0.68%	0.021%
					Sum of corrected areas: 6086075031			

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