

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE040418\
Data File : FE026529.D
Signal(s) : FID1B.CH
Acq On : 05 Apr 2018 1:19
Sample : J2211-02 5X
Misc :
ALS Vial : 22 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	2.814	2.755	2.878	BH	486	7663	0.02%	0.000%
2	2.894	2.878	2.905	HH	174	1367	0.00%	0.000%
3	2.920	2.905	2.935	HH	157	1955	0.00%	0.000%
4	2.941	2.935	2.952	HH	149	1031	0.00%	0.000%
5	3.003	2.952	3.042	HH	222	7890	0.02%	0.000%
6	3.065	3.042	3.079	HH	575	6761	0.02%	0.000%
7	3.092	3.079	3.102	HH	869	7803	0.02%	0.000%
8	3.117	3.102	3.145	HH	1301	16103	0.04%	0.001%
9	3.150	3.145	3.162	HH	384	3183	0.01%	0.000%
10	3.173	3.162	3.202	HH	348	7413	0.02%	0.000%
11	3.204	3.202	3.270	HH	434	13350	0.03%	0.000%
12	3.308	3.270	3.321	HH	941	15310	0.04%	0.000%
13	3.331	3.321	3.342	HH	677	6992	0.02%	0.000%
14	3.351	3.342	3.379	HH	516	10692	0.03%	0.000%
15	3.402	3.379	3.451	HH	2702	45161	0.11%	0.001%
16	3.509	3.451	3.525	HH	724	24119	0.06%	0.001%
17	3.542	3.525	3.552	HH	770	10430	0.03%	0.000%
18	3.572	3.552	3.605	HH	1208	26820	0.07%	0.001%
19	3.639	3.605	3.685	HH	2586	52408	0.13%	0.002%
20	3.711	3.685	3.725	HH	2176	31266	0.08%	0.001%
21	3.735	3.725	3.768	HH	1415	25869	0.06%	0.001%
22	3.781	3.768	3.814	HH	941	21748	0.05%	0.001%
23	3.848	3.814	3.857	HH	934	20996	0.05%	0.001%
24	3.880	3.857	3.900	HH	2362	36800	0.09%	0.001%
25	3.915	3.900	3.935	HH	2858	34408	0.09%	0.001%
26	3.946	3.935	3.975	HH	1634	25893	0.06%	0.001%
27	3.998	3.975	4.012	HH	1165	21374	0.05%	0.001%
28	4.052	4.012	4.068	HH	2793	52124	0.13%	0.002%
29	4.097	4.068	4.112	HH	1355	31675	0.08%	0.001%
30	4.118	4.112	4.128	HH	1231	11515	0.03%	0.000%
31	4.168	4.128	4.191	HH	6057	91632	0.23%	0.003%
32	4.209	4.191	4.245	HH	2074	49911	0.12%	0.002%
33	4.268	4.245	4.285	HH	1911	37897	0.09%	0.001%
34	4.317	4.285	4.333	HH	3329	59569	0.15%	0.002%
35	4.346	4.333	4.365	HH	1796	32165	0.08%	0.001%
36	4.379	4.365	4.387	HH	2307	25344	0.06%	0.001%

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37	4.403	4.387	4.445	HH	6653	130512	0.33%	0.004%
38	4.462	4.445	4.472	HH	2405	32168	0.08%	0.001%
39	4.487	4.472	4.517	HH	4234	75504	0.19%	0.002%
40	4.531	4.517	4.552	HH	2414	45922	0.11%	0.001%
41	4.588	4.552	4.622	HH	5426	125463	0.31%	0.004%
42	4.664	4.622	4.702	HH	4541	163582	0.41%	0.005%
43	4.718	4.702	4.730	HH	3603	49026	0.12%	0.002%
44	4.752	4.730	4.777	HH	18771	277341	0.69%	0.009%
45	4.791	4.777	4.824	HH	7825	134983	0.34%	0.004%
46	4.841	4.824	4.872	HH	4193	92331	0.23%	0.003%
47	4.907	4.872	4.926	HH	5291	122539	0.31%	0.004%
48	4.946	4.926	4.959	HH	9471	127217	0.32%	0.004%
49	4.973	4.959	5.002	HH	10493	171784	0.43%	0.006%
50	5.038	5.002	5.053	HH	16915	319309	0.80%	0.010%
51	5.060	5.053	5.073	HH	8575	86165	0.21%	0.003%
52	5.092	5.073	5.122	HH	7647	167582	0.42%	0.005%
53	5.153	5.122	5.178	HH	9512	185806	0.46%	0.006%
54	5.196	5.178	5.214	HH	14067	179104	0.45%	0.006%
55	5.232	5.214	5.259	HH	10219	175796	0.44%	0.006%
56	5.277	5.259	5.307	HH	17871	263208	0.66%	0.008%
57	5.324	5.307	5.338	HH	15739	190760	0.48%	0.006%
58	5.348	5.338	5.358	HH	10773	116951	0.29%	0.004%
59	5.374	5.358	5.396	HH	20334	293224	0.73%	0.009%
60	5.415	5.396	5.434	HH	15567	252783	0.63%	0.008%
61	5.447	5.434	5.460	HH	12454	149826	0.37%	0.005%
62	5.485	5.460	5.503	HH	55221	660974	1.65%	0.021%
63	5.515	5.503	5.555	HH	16021	372985	0.93%	0.012%
64	5.565	5.555	5.580	HH	8507	111681	0.28%	0.004%
65	5.601	5.580	5.611	HH	12524	191991	0.48%	0.006%
66	5.657	5.611	5.686	HH	23822	665344	1.66%	0.021%
67	5.723	5.686	5.740	HH	28207	617510	1.54%	0.020%
68	5.752	5.740	5.766	HH	23926	305194	0.76%	0.010%
69	5.774	5.766	5.793	HH	17904	227125	0.57%	0.007%
70	5.814	5.793	5.823	HH	12109	194731	0.49%	0.006%
71	5.841	5.823	5.856	HH	20932	309739	0.77%	0.010%
72	5.880	5.856	5.891	HH	24227	390325	0.97%	0.013%
73	5.929	5.891	5.946	HH	57468	1153118	2.88%	0.037%
74	5.958	5.946	5.980	HH	32784	552271	1.38%	0.018%
75	5.994	5.980	6.010	HH	37057	478350	1.19%	0.015%
76	6.026	6.010	6.035	HH	36014	422761	1.05%	0.014%
77	6.044	6.035	6.063	HH	34161	479578	1.20%	0.015%
78	6.083	6.063	6.109	HH	122899	1432628	3.57%	0.046%
79	6.128	6.109	6.155	HH	31597	665547	1.66%	0.021%
80	6.187	6.155	6.221	HH	28130	883946	2.21%	0.028%
81	6.246	6.221	6.275	HH	126038	1772559	4.42%	0.057%
82	6.343	6.275	6.370	HH	73682	2283017	5.70%	0.073%
83	6.389	6.370	6.402	HH	41704	608235	1.52%	0.020%
84	6.439	6.402	6.489	HH	334408	4908388	12.25%	0.158%
85	6.509	6.489	6.530	HH	64249	1085982	2.71%	0.035%
86	6.561	6.530	6.577	HH	81159	1542251	3.85%	0.050%
87	6.592	6.577	6.600	HH	76961	883120	2.20%	0.028%
88	6.622	6.600	6.642	HH	699681	7039522	17.56%	0.226%
89	6.659	6.642	6.710	HH	93126	2845295	7.10%	0.092%

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90	6.732	6.710	6.763	HH	103752	2374739	5.92%	0.076%
91	6.805	6.763	6.839	HH	144698	4691714	11.70%	0.151%
92	6.865	6.839	6.876	HH	94213	1903376	4.75%	0.061%
93	6.887	6.876	6.925	HH	99423	2267448	5.66%	0.073%
94	6.987	6.925	7.007	HH	197450	5346432	13.34%	0.172%
95	7.025	7.007	7.053	HH	140248	3136292	7.82%	0.101%
96	7.065	7.053	7.081	HH	116497	1712566	4.27%	0.055%
97	7.096	7.081	7.103	HH	91619	1163969	2.90%	0.037%
98	7.119	7.103	7.139	HH	117947	2032069	5.07%	0.065%
99	7.174	7.139	7.185	HH	174040	3344549	8.34%	0.108%
100	7.192	7.185	7.210	HH	152257	1900891	4.74%	0.061%
101	7.232	7.210	7.250	HH	176276	3389115	8.46%	0.109%
102	7.260	7.250	7.285	HH	132582	2348928	5.86%	0.076%
103	7.299	7.285	7.307	HH	130679	1542627	3.85%	0.050%
104	7.330	7.307	7.349	HH	265700	4529163	11.30%	0.146%
105	7.361	7.349	7.373	HH	129246	1678578	4.19%	0.054%
106	7.393	7.373	7.413	HH	190175	3540283	8.83%	0.114%
107	7.459	7.413	7.485	HH	363786	7856670	19.60%	0.253%
108	7.510	7.485	7.520	HH	177064	3365154	8.40%	0.108%
109	7.531	7.520	7.544	HH	181158	2327431	5.81%	0.075%
110	7.566	7.544	7.602	HH	219166	6685403	16.68%	0.215%
111	7.645	7.602	7.672	HH	292533	9952265	24.83%	0.320%
112	7.703	7.672	7.721	HH	1451102	19521771	48.70%	0.628%
113	7.733	7.721	7.755	HH	287591	4991608	12.45%	0.161%
114	7.781	7.755	7.812	HH	263322	7547858	18.83%	0.243%
115	7.837	7.812	7.856	HH	865047	11845520	29.55%	0.381%
116	7.872	7.856	7.889	HH	276357	4702948	11.73%	0.151%
117	7.908	7.889	7.926	HH	272889	4982846	12.43%	0.160%
118	7.974	7.926	8.011	HH	413961	15145452	37.78%	0.487%
119	8.028	8.011	8.062	HH	309785	8478625	21.15%	0.273%
120	8.077	8.062	8.102	HH	282561	6286998	15.68%	0.202%
121	8.128	8.102	8.147	HH	287794	7149581	17.84%	0.230%
122	8.171	8.147	8.247	HH	463132	19526575	48.71%	0.628%
123	8.268	8.247	8.281	HH	359182	6108788	15.24%	0.196%
124	8.302	8.281	8.336	HH	453738	12030683	30.01%	0.387%
125	8.347	8.336	8.359	HH	303095	3941211	9.83%	0.127%
126	8.394	8.359	8.408	HH	400395	9692469	24.18%	0.312%
127	8.432	8.408	8.461	HH	547502	13643983	34.04%	0.439%
128	8.488	8.461	8.498	HH	440723	9177466	22.90%	0.295%
129	8.508	8.498	8.526	HH	443602	6675707	16.65%	0.215%
130	8.555	8.526	8.565	HH	388105	8526634	21.27%	0.274%
131	8.587	8.565	8.600	HH	497792	9539874	23.80%	0.307%
132	8.611	8.600	8.655	HH	477769	14440397	36.03%	0.464%
133	8.671	8.655	8.729	HH	528560	20689280	51.61%	0.665%
134	8.746	8.729	8.761	HH	472404	8422878	21.01%	0.271%
135	8.774	8.761	8.794	HH	460775	8613495	21.49%	0.277%
136	8.811	8.794	8.825	HH	544513	8887056	22.17%	0.286%
137	8.864	8.825	8.877	HH	623857	16138305	40.26%	0.519%
138	8.889	8.877	8.931	HH	570744	16166554	40.33%	0.520%
139	8.979	8.931	9.005	HH	538513	20828226	51.96%	0.670%
140	9.058	9.005	9.080	HH	813074	26467303	66.03%	0.851%
141	9.105	9.080	9.127	HH	669662	16221352	40.47%	0.522%

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142	9.163	9.127	9.207	HH	537106	23239902	57.98%	0.747%
143	9.231	9.207	9.250	HH	522847	12047300	30.06%	0.387%
144	9.288	9.250	9.307	HH	643826	18083173	45.11%	0.582%
145	9.324	9.307	9.337	HH	553926	9681720	24.15%	0.311%
146	9.358	9.337	9.377	HH	816047	15465588	38.58%	0.497%
147	9.395	9.377	9.415	HH	704137	14694100	36.66%	0.473%
148	9.427	9.415	9.470	HH	638403	17820327	44.46%	0.573%
149	9.503	9.470	9.521	HH	705001	17591556	43.89%	0.566%
150	9.537	9.521	9.559	HH	621149	13116262	32.72%	0.422%
151	9.576	9.559	9.598	HH	588177	12567080	31.35%	0.404%
152	9.624	9.598	9.665	HH	1511823	30902593	77.09%	0.994%
153	9.681	9.665	9.697	HH	598082	10513551	26.23%	0.338%
154	9.710	9.697	9.737	HH	523705	12103904	30.20%	0.389%
155	9.758	9.737	9.773	HH	564472	11620363	28.99%	0.374%
156	9.786	9.773	9.825	HH	562719	16330773	40.74%	0.525%
157	9.842	9.825	9.854	HH	536590	8808907	21.98%	0.283%
158	9.869	9.854	9.905	HH	547566	15512362	38.70%	0.499%
159	9.929	9.905	9.947	HH	571866	13582805	33.89%	0.437%
160	9.962	9.947	9.990	HH	561896	13760573	34.33%	0.443%
161	10.004	9.990	10.020	HH	559622	9510466	23.73%	0.306%
162	10.044	10.020	10.056	HH	576355	11820613	29.49%	0.380%
163	10.071	10.056	10.086	HH	650430	10264362	25.61%	0.330%
164	10.099	10.086	10.109	HH	585707	7777367	19.40%	0.250%
165	10.129	10.109	10.164	HH	729655	19863629	49.55%	0.639%
166	10.181	10.164	10.193	HH	578664	9649780	24.07%	0.310%
167	10.205	10.193	10.230	HH	577839	12272237	30.62%	0.395%
168	10.244	10.230	10.268	HH	548642	12063416	30.10%	0.388%
169	10.283	10.268	10.295	HH	537180	8659826	21.60%	0.278%
170	10.330	10.295	10.353	HH	574672	18959645	47.30%	0.610%
171	10.372	10.353	10.385	HH	559174	10189967	25.42%	0.328%
172	10.415	10.385	10.426	HH	572062	13636320	34.02%	0.439%
173	10.463	10.426	10.492	HH	616220	22833635	56.96%	0.734%
174	10.519	10.492	10.529	HH	574148	12425900	31.00%	0.400%
175	10.545	10.529	10.580	HH	588131	17098353	42.66%	0.550%
176	10.597	10.580	10.632	HH	568320	16952409	42.29%	0.545%
177	10.646	10.632	10.658	HH	538266	8464141	21.12%	0.272%
178	10.678	10.658	10.708	HH	570616	16445195	41.03%	0.529%
179	10.744	10.708	10.756	HH	580967	15817007	39.46%	0.509%
180	10.767	10.756	10.787	HH	592304	10767785	26.86%	0.346%
181	10.812	10.787	10.834	HH	599210	16243892	40.52%	0.522%
182	10.862	10.834	10.885	HH	714751	19251842	48.03%	0.619%
183	10.908	10.885	10.921	HH	599584	12763349	31.84%	0.410%
184	10.950	10.921	10.988	HH	617812	24405612	60.89%	0.785%
185	11.031	10.988	11.054	HH	640894	24230720	60.45%	0.779%
186	11.070	11.054	11.085	HH	601597	10816665	26.98%	0.348%
187	11.112	11.085	11.128	HH	610684	15282216	38.13%	0.491%
188	11.154	11.128	11.181	HH	636345	19147058	47.77%	0.616%
189	11.213	11.181	11.237	HH	651290	20918401	52.19%	0.673%
190	11.259	11.237	11.267	HH	639682	11150999	27.82%	0.359%
191	11.290	11.267	11.322	HH	871039	23026645	57.45%	0.741%
192	11.340	11.322	11.372	HH	642595	18700745	46.65%	0.601%
193	11.383	11.372	11.407	HH	615428	12649928	31.56%	0.407%
194	11.427	11.407	11.451	HH	639638	15909651	39.69%	0.512%

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195	11.491	11.451	11.515	HH	645026	23693228	59.11%	0.762%
196	11.522	11.515	11.542	HH	625816	9937690	24.79%	0.320%
197	11.549	11.542	11.571	HH	624627	10706112	26.71%	0.344%
198	11.588	11.571	11.599	HH	626526	10138504	25.29%	0.326%
199	11.610	11.599	11.648	HH	624579	18037207	45.00%	0.580%
200	11.672	11.648	11.702	HH	607673	19006814	47.42%	0.611%
201	11.721	11.702	11.738	HH	636864	13562109	33.83%	0.436%
202	11.755	11.738	11.768	HH	629070	11087494	27.66%	0.357%
203	11.784	11.768	11.828	HH	623016	21931664	54.71%	0.705%
204	11.836	11.828	11.865	HH	601240	12801429	31.94%	0.412%
205	11.918	11.865	11.943	HH	655553	28372553	70.78%	0.912%
206	11.960	11.943	11.977	HH	594791	11901616	29.69%	0.383%
207	12.016	11.977	12.038	HH	751526	23418435	58.42%	0.753%
208	12.047	12.038	12.071	HH	590736	11333984	28.28%	0.364%
209	12.090	12.071	12.109	HH	594068	13013312	32.47%	0.419%
210	12.126	12.109	12.152	HH	569119	14360370	35.83%	0.462%
211	12.222	12.152	12.238	HH	590372	29101493	72.60%	0.936%
212	12.254	12.238	12.358	HH	588707	40084105	100.00%	1.289%
213	12.382	12.358	12.390	HH	563114	10611703	26.47%	0.341%
214	12.405	12.390	12.416	HH	595958	8895706	22.19%	0.286%
215	12.422	12.416	12.462	HH	583848	15962615	39.82%	0.513%
216	12.469	12.462	12.479	HH	571048	5601623	13.97%	0.180%
217	12.491	12.479	12.504	HH	584992	8402201	20.96%	0.270%
218	12.520	12.504	12.537	HH	584602	11074443	27.63%	0.356%
219	12.593	12.537	12.618	HH	622322	27521541	68.66%	0.885%
220	12.648	12.618	12.679	HH	543135	19303209	48.16%	0.621%
221	12.712	12.679	12.770	HH	565069	29182943	72.80%	0.939%
222	12.785	12.770	12.795	HH	518697	7582697	18.92%	0.244%
223	12.808	12.795	12.818	HH	519552	7008673	17.48%	0.225%
224	12.828	12.818	12.846	HH	519931	8532800	21.29%	0.274%
225	12.874	12.846	12.908	HH	528614	19280043	48.10%	0.620%
226	12.928	12.908	12.952	HH	539133	13780689	34.38%	0.443%
227	12.968	12.952	12.992	HH	530983	11979109	29.88%	0.385%
228	13.024	12.992	13.052	HH	540537	18670664	46.58%	0.600%
229	13.063	13.052	13.088	HH	535331	11327605	28.26%	0.364%
230	13.100	13.088	13.119	HH	518946	9284360	23.16%	0.299%
231	13.134	13.119	13.145	HH	510124	8001310	19.96%	0.257%
232	13.165	13.145	13.190	HH	529994	13583228	33.89%	0.437%
233	13.239	13.190	13.272	HH	673911	26249310	65.49%	0.844%
234	13.279	13.272	13.288	HH	505784	4888991	12.20%	0.157%
235	13.311	13.288	13.334	HH	526216	14280377	35.63%	0.459%
236	13.344	13.334	13.368	HH	525753	10140566	25.30%	0.326%
237	13.382	13.368	13.393	HH	516844	7881754	19.66%	0.253%
238	13.405	13.393	13.443	HH	515869	14966610	37.34%	0.481%
239	13.494	13.443	13.521	HH	562075	24156614	60.26%	0.777%
240	13.532	13.521	13.551	HH	524687	9183037	22.91%	0.295%
241	13.565	13.551	13.586	HH	528107	10817111	26.99%	0.348%
242	13.604	13.586	13.619	HH	551999	10415820	25.98%	0.335%
243	13.639	13.619	13.656	HH	584061	11989015	29.91%	0.386%
244	13.674	13.656	13.720	HH	581850	21235925	52.98%	0.683%
245	13.745	13.720	13.810	HH	584920	29143535	72.71%	0.937%
246	13.824	13.810	13.833	HH	526319	7031332	17.54%	0.226%

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247	13.857	13.833	13.876	HH	737031	15519827	38.72%	0.499%
248	13.910	13.876	13.928	HH	554151	16645393	41.53%	0.535%
249	13.944	13.928	14.027	HH	584347	31653999	78.97%	1.018%
250	14.038	14.027	14.058	HH	534228	9637666	24.04%	0.310%
251	14.091	14.058	14.115	HH	697572	20243047	50.50%	0.651%
252	14.135	14.115	14.154	HH	598879	13444284	33.54%	0.432%
253	14.167	14.154	14.179	HH	552127	8127854	20.28%	0.261%
254	14.204	14.179	14.222	HH	582564	14157063	35.32%	0.455%
255	14.237	14.222	14.251	HH	580860	9313750	23.24%	0.300%
256	14.263	14.251	14.273	HH	545675	7277112	18.15%	0.234%
257	14.293	14.273	14.335	HH	697162	20609775	51.42%	0.663%
258	14.358	14.335	14.398	HH	548488	19303212	48.16%	0.621%
259	14.408	14.398	14.422	HH	488734	6871620	17.14%	0.221%
260	14.444	14.422	14.467	HH	588558	13822000	34.48%	0.445%
261	14.514	14.467	14.531	HH	525251	19081712	47.60%	0.614%
262	14.544	14.531	14.585	HH	529792	16077076	40.11%	0.517%
263	14.597	14.585	14.627	HH	467018	11252135	28.07%	0.362%
264	14.675	14.627	14.723	HH	547027	28505881	71.12%	0.917%
265	14.739	14.723	14.762	HH	484965	10660006	26.59%	0.343%
266	14.777	14.762	14.795	HH	464123	8883644	22.16%	0.286%
267	14.808	14.795	14.821	HH	428267	6646464	16.58%	0.214%
268	14.855	14.821	14.871	HH	454606	13001409	32.44%	0.418%
269	14.883	14.871	14.899	HH	433162	6791462	16.94%	0.218%
270	14.911	14.899	14.948	HH	405923	11549723	28.81%	0.371%
271	14.965	14.948	14.985	HH	371730	8185189	20.42%	0.263%
272	15.004	14.985	15.053	HH	386107	14923991	37.23%	0.480%
273	15.085	15.053	15.104	HH	378990	11058065	27.59%	0.356%
274	15.118	15.104	15.195	HH	365677	18688399	46.62%	0.601%
275	15.213	15.195	15.249	HH	369735	10985189	27.41%	0.353%
276	15.260	15.249	15.276	HH	331352	5220842	13.02%	0.168%
277	15.288	15.276	15.303	HH	314852	4915973	12.26%	0.158%
278	15.321	15.303	15.370	HH	308655	11722696	29.25%	0.377%
279	15.380	15.370	15.393	HH	285280	3981038	9.93%	0.128%
280	15.405	15.393	15.425	HH	290835	5243446	13.08%	0.169%
281	15.444	15.425	15.505	HH	299843	12692306	31.66%	0.408%
282	15.544	15.505	15.563	HH	253692	8588327	21.43%	0.276%
283	15.597	15.563	15.674	HH	252396	15878071	39.61%	0.511%
284	15.687	15.674	15.712	HH	227833	5048583	12.59%	0.162%
285	15.736	15.712	15.780	HH	226349	8873210	22.14%	0.285%
286	15.789	15.780	15.835	HH	217455	6930571	17.29%	0.223%
287	15.846	15.835	15.889	HH	206534	6437961	16.06%	0.207%
288	15.902	15.889	15.918	HH	194124	3359806	8.38%	0.108%
289	15.924	15.918	15.937	HH	193269	2123096	5.30%	0.068%
290	15.945	15.937	15.968	HH	191398	3461400	8.64%	0.111%
291	15.979	15.968	16.020	HH	187294	5737838	14.31%	0.185%
292	16.032	16.020	16.052	HH	183315	3496048	8.72%	0.112%
293	16.062	16.052	16.072	HH	180430	2066640	5.16%	0.066%
294	16.092	16.072	16.105	HH	185248	3621767	9.04%	0.116%
295	16.117	16.105	16.208	HH	183664	10463053	26.10%	0.336%
296	16.244	16.208	16.310	HH	164467	9673155	24.13%	0.311%
297	16.320	16.310	16.345	HH	154112	3147889	7.85%	0.101%
298	16.379	16.345	16.478	HH	155142	11843452	29.55%	0.381%
299	16.509	16.478	16.548	HH	145953	6009491	14.99%	0.193%

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300	16.558	16.548	16.575	HH	139229	2192565	5.47%	0.071%
301	16.606	16.575	16.655	HH	142400	6543432	16.32%	0.210%
302	16.678	16.655	16.692	HH	132251	2882941	7.19%	0.093%
303	16.695	16.692	16.718	HH	131162	2059081	5.14%	0.066%
304	16.734	16.718	16.755	HH	132758	2856276	7.13%	0.092%
305	16.767	16.755	16.778	HH	131313	1804837	4.50%	0.058%
306	16.810	16.778	16.858	HH	141944	6221454	15.52%	0.200%
307	16.884	16.858	16.965	HH	128951	7914418	19.74%	0.255%
308	16.986	16.965	17.036	HH	128508	5145440	12.84%	0.165%
309	17.048	17.036	17.058	HH	116840	1513518	3.78%	0.049%
310	17.083	17.058	17.155	HH	116577	6605896	16.48%	0.212%
311	17.162	17.155	17.174	HH	110495	1225683	3.06%	0.039%
312	17.231	17.174	17.240	HH	117782	4494194	11.21%	0.145%
313	17.251	17.240	17.302	HH	116774	4162360	10.38%	0.134%
314	17.308	17.302	17.334	HH	112668	2113815	5.27%	0.068%
315	17.351	17.334	17.365	HH	109636	2000503	4.99%	0.064%
316	17.378	17.365	17.497	HH	108727	8299526	20.71%	0.267%
317	17.517	17.497	17.532	HH	103700	2089910	5.21%	0.067%
318	17.544	17.532	17.581	HH	102606	3017446	7.53%	0.097%
319	17.601	17.581	17.624	HH	106136	2602414	6.49%	0.084%
320	17.643	17.624	17.656	HH	100767	1874721	4.68%	0.060%
321	17.664	17.656	17.689	HH	101138	1943835	4.85%	0.063%
322	17.699	17.689	17.733	HH	97601	2589448	6.46%	0.083%
323	17.754	17.733	17.788	HH	99958	3217053	8.03%	0.103%
324	17.804	17.788	17.837	HH	97876	2799783	6.98%	0.090%
325	17.851	17.837	17.871	HH	96715	1926133	4.81%	0.062%
326	17.896	17.871	17.944	HH	95087	3996647	9.97%	0.129%
327	17.968	17.944	17.998	HH	93897	2991269	7.46%	0.096%
328	18.026	17.998	18.052	HH	90741	2834829	7.07%	0.091%
329	18.065	18.052	18.098	HH	90189	2500453	6.24%	0.080%
330	18.109	18.098	18.143	HH	90835	2381987	5.94%	0.077%
331	18.153	18.143	18.202	HH	86892	3000078	7.48%	0.096%
332	18.207	18.202	18.227	HH	84401	1301686	3.25%	0.042%
333	18.241	18.227	18.252	HH	85544	1215088	3.03%	0.039%
334	18.261	18.252	18.292	HH	84229	1994917	4.98%	0.064%
335	18.309	18.292	18.336	HH	84609	2212055	5.52%	0.071%
336	18.345	18.336	18.358	HH	83736	1137342	2.84%	0.037%
337	18.377	18.358	18.391	HH	84062	1626810	4.06%	0.052%
338	18.404	18.391	18.428	HH	86024	1878217	4.69%	0.060%
339	18.440	18.428	18.453	HH	83536	1226650	3.06%	0.039%
340	18.467	18.453	18.513	HH	83093	2932858	7.32%	0.094%
341	18.535	18.513	18.561	HH	81919	2317042	5.78%	0.075%
342	18.578	18.561	18.598	HH	79931	1729499	4.31%	0.056%
343	18.640	18.598	18.658	HH	87951	2972838	7.42%	0.096%
344	18.670	18.658	18.725	HH	84686	3256811	8.12%	0.105%
345	18.747	18.725	18.757	HH	79828	1546978	3.86%	0.050%
346	18.786	18.757	18.810	HH	81889	2514544	6.27%	0.081%
347	18.834	18.810	18.898	HH	85866	4263624	10.64%	0.137%
348	18.905	18.898	18.930	HH	78570	1488758	3.71%	0.048%
349	18.960	18.930	18.985	HH	79765	2574954	6.42%	0.083%
350	19.011	18.985	19.055	HH	84066	3406170	8.50%	0.110%
351	19.105	19.055	19.165	HH	82201	5257673	13.12%	0.169%

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352	19.184	19.165	19.207	HH	80415	2054041	5.12%	0.066%
353	19.244	19.207	19.305	HH	90716	4810919	12.00%	0.155%
354	19.316	19.305	19.322	HH	81190	854376	2.13%	0.027%
355	19.328	19.322	19.335	HH	80976	612184	1.53%	0.020%
356	19.346	19.335	19.355	HH	81138	971550	2.42%	0.031%
357	19.363	19.355	19.392	HH	81055	1769727	4.42%	0.057%
358	19.434	19.392	19.459	HH	86592	3361773	8.39%	0.108%
359	19.481	19.459	19.504	HH	86964	2247893	5.61%	0.072%
360	19.537	19.504	19.565	HH	84769	3060373	7.63%	0.098%
361	19.574	19.565	19.599	HH	84706	1690305	4.22%	0.054%
362	19.645	19.599	19.712	HH	91307	5798835	14.47%	0.186%
363	19.720	19.712	19.733	HH	84625	1071145	2.67%	0.034%
364	19.795	19.733	19.805	HH	90346	3803194	9.49%	0.122%
365	19.829	19.805	19.866	HH	93168	3312087	8.26%	0.107%
366	19.884	19.866	19.912	HH	92212	2496575	6.23%	0.080%
367	20.034	19.912	20.082	HH	101925	9710151	24.22%	0.312%
368	20.091	20.082	20.119	HH	94177	2086016	5.20%	0.067%
369	20.147	20.119	20.175	HH	97435	3219183	8.03%	0.104%
370	20.242	20.175	20.255	HH	99237	4645307	11.59%	0.149%
371	20.264	20.255	20.288	HH	98563	1957301	4.88%	0.063%
372	20.310	20.288	20.354	HH	102888	3937687	9.82%	0.127%
373	20.412	20.354	20.425	HH	103887	4335714	10.82%	0.139%
374	20.441	20.425	20.455	HH	104445	1866766	4.66%	0.060%
375	20.465	20.455	20.495	HH	105189	2459917	6.14%	0.079%
376	20.501	20.495	20.520	HH	100135	1518979	3.79%	0.049%
377	20.535	20.520	20.602	HH	103032	4873168	12.16%	0.157%
378	20.662	20.602	20.678	HH	102351	4574992	11.41%	0.147%
379	20.685	20.678	20.695	HH	100573	1002310	2.50%	0.032%
380	20.727	20.695	20.743	HH	101564	2913538	7.27%	0.094%
381	20.754	20.743	20.768	HH	100864	1470992	3.67%	0.047%
382	20.829	20.768	20.885	HH	106055	7237068	18.05%	0.233%
383	20.897	20.885	20.924	HH	103389	2373486	5.92%	0.076%
384	20.943	20.924	20.955	HH	101855	1867661	4.66%	0.060%
385	20.966	20.955	21.002	HH	102646	2835392	7.07%	0.091%
386	21.014	21.002	21.028	HH	100715	1581113	3.94%	0.051%
387	21.037	21.028	21.082	HH	99854	3165208	7.90%	0.102%
388	21.134	21.082	21.147	HH	100002	3836258	9.57%	0.123%
389	21.159	21.147	21.212	HH	98725	3780416	9.43%	0.122%
390	21.244	21.212	21.258	HH	98523	2673629	6.67%	0.086%
391	21.261	21.258	21.295	HH	96547	2118034	5.28%	0.068%
392	21.305	21.295	21.325	HH	95744	1717233	4.28%	0.055%
393	21.358	21.325	21.375	HH	96531	2836808	7.08%	0.091%
394	21.416	21.375	21.492	HH	99240	6760133	16.86%	0.217%
395	21.508	21.492	21.522	HH	94874	1693863	4.23%	0.054%
396	21.549	21.522	21.568	HH	95531	2649336	6.61%	0.085%
397	21.574	21.568	21.636	HH	94911	3791140	9.46%	0.122%
398	21.646	21.636	21.653	HH	93002	972072	2.43%	0.031%
399	21.671	21.653	21.712	HH	96459	3266349	8.15%	0.105%
400	21.719	21.712	21.773	HH	93566	3393874	8.47%	0.109%
401	21.801	21.773	21.832	HH	92461	3165723	7.90%	0.102%
402	21.847	21.832	21.881	HH	92849	2697974	6.73%	0.087%
403	21.893	21.881	21.915	HH	90608	1812966	4.52%	0.058%
404	21.926	21.915	21.934	HH	88930	1021260	2.55%	0.033%

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405	21.944	21.934	21.958	HH	89834	1276104	3.18%	0.041%
406	21.984	21.958	22.023	HH	88765	3414448	8.52%	0.110%
407	22.042	22.023	22.056	HH	88374	1763863	4.40%	0.057%
408	22.107	22.056	22.168	HH	91594	5899698	14.72%	0.190%
409	22.178	22.168	22.192	HH	85708	1226759	3.06%	0.039%
410	22.198	22.192	22.229	HH	86020	1926129	4.81%	0.062%
411	22.241	22.229	22.255	HH	85150	1310559	3.27%	0.042%
412	22.287	22.255	22.311	HH	86121	2847543	7.10%	0.092%
413	22.322	22.311	22.335	HH	83873	1181742	2.95%	0.038%
414	22.344	22.335	22.353	HH	83695	910533	2.27%	0.029%
415	22.384	22.353	22.394	HH	83024	2035437	5.08%	0.065%
416	22.430	22.394	22.535	HH	84120	6951571	17.34%	0.224%
417	22.541	22.535	22.569	HH	81633	1626889	4.06%	0.052%
418	22.609	22.569	22.619	HH	80710	2413864	6.02%	0.078%
419	22.627	22.619	22.659	HH	80351	1922623	4.80%	0.062%
420	22.668	22.659	22.712	HH	79480	2499467	6.24%	0.080%
421	22.718	22.712	22.737	HH	78635	1157608	2.89%	0.037%
422	22.764	22.737	22.795	HH	78839	2698041	6.73%	0.087%
423	22.804	22.795	22.832	HH	77391	1700558	4.24%	0.055%
424	22.865	22.832	22.875	HH	76876	1976925	4.93%	0.064%
425	22.884	22.875	22.894	HH	77028	859907	2.15%	0.028%
426	22.928	22.894	23.007	HH	79829	5240215	13.07%	0.169%
427	23.018	23.007	23.044	HH	74781	1648635	4.11%	0.053%
428	23.058	23.044	23.182	HH	74646	5983856	14.93%	0.192%
429	23.199	23.182	23.228	HH	72656	2003778	5.00%	0.064%
430	23.237	23.228	23.248	HH	72250	834195	2.08%	0.027%
431	23.258	23.248	23.269	HH	71913	905047	2.26%	0.029%
432	23.277	23.269	23.378	HH	71664	4602343	11.48%	0.148%
433	23.387	23.378	23.400	HH	70335	927673	2.31%	0.030%
434	23.413	23.400	23.480	HH	69909	3303880	8.24%	0.106%
435	23.496	23.480	23.548	HH	69662	2807196	7.00%	0.090%
436	23.566	23.548	23.614	HH	68947	2696001	6.73%	0.087%
437	23.669	23.614	23.683	HH	67990	2767110	6.90%	0.089%
438	23.692	23.683	23.716	HH	66980	1318526	3.29%	0.042%
439	23.728	23.716	23.749	HH	67451	1321426	3.30%	0.042%
440	23.758	23.749	23.894	HH	66266	5660761	14.12%	0.182%
441	23.930	23.894	24.017	HH	66758	4800361	11.98%	0.154%
442	24.031	24.017	24.068	HH	63775	1926035	4.80%	0.062%
443	24.074	24.068	24.092	HH	62575	871059	2.17%	0.028%
444	24.099	24.092	24.115	HH	62457	860507	2.15%	0.028%
445	24.170	24.115	24.249	HH	62213	4935965	12.31%	0.159%
446	24.292	24.249	24.337	HH	62111	3228018	8.05%	0.104%
447	24.380	24.337	24.412	HH	60439	2680960	6.69%	0.086%
448	24.425	24.412	24.441	HH	59931	1062004	2.65%	0.034%
449	24.455	24.441	24.464	HH	60274	814969	2.03%	0.026%
450	24.474	24.464	24.492	HH	60252	983605	2.45%	0.032%
451	24.497	24.492	24.553	HH	60062	2144844	5.35%	0.069%
452	24.577	24.553	24.602	HH	58419	1723719	4.30%	0.055%
453	24.611	24.602	24.625	HH	57136	773943	1.93%	0.025%
454	24.638	24.625	24.649	HH	57336	820898	2.05%	0.026%
455	24.662	24.649	24.726	HH	58371	2656950	6.63%	0.085%
456	24.733	24.726	24.805	HH	57102	2658137	6.63%	0.085%

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457	24.812	24.805	24.850	HH	56481	1519967	3.79%	0.049%	
458	24.868	24.850	24.898	HH	55604	1592678	3.97%	0.051%	
459	24.936	24.898	24.998	HH	56437	3322367	8.29%	0.107%	
460	25.015	24.998	25.033	HH	55456	1156255	2.88%	0.037%	
461	25.041	25.033	25.052	HH	55135	647920	1.62%	0.021%	
462	25.064	25.052	25.095	HH	55452	1401736	3.50%	0.045%	
463	25.127	25.095	25.141	HH	55827	1537478	3.84%	0.049%	
464	25.162	25.141	25.203	HH	56314	2041566	5.09%	0.066%	
465	25.214	25.203	25.292	HH	55168	2880601	7.19%	0.093%	
466	25.299	25.292	25.330	HH	53688	1231290	3.07%	0.040%	
467	25.354	25.330	25.384	HH	52932	1679621	4.19%	0.054%	
468	25.402	25.384	25.411	HH	52772	853982	2.13%	0.027%	
469	25.423	25.411	25.458	HH	53165	1496901	3.73%	0.048%	
470	25.468	25.458	25.478	HH	52689	629649	1.57%	0.020%	
471	25.486	25.478	25.545	HH	52518	2088611	5.21%	0.067%	
472	25.554	25.545	25.570	HH	51775	769912	1.92%	0.025%	
473	25.585	25.570	25.595	HH	52050	773106	1.93%	0.025%	
474	25.605	25.595	25.635	HH	51819	1227801	3.06%	0.039%	
475	25.655	25.635	25.664	HH	51767	903392	2.25%	0.029%	
476	25.674	25.664	25.707	HH	52000	1329982	3.32%	0.043%	
477	25.755	25.707	25.845	HH	51877	4217946	10.52%	0.136%	
478	25.854	25.845	25.868	HH	49923	694561	1.73%	0.022%	
479	25.938	25.868	25.957	HH	50644	2661717	6.64%	0.086%	
480	25.970	25.957	26.002	HH	50249	1337169	3.34%	0.043%	
481	26.007	26.002	26.033	HH	50287	931803	2.32%	0.030%	
482	26.044	26.033	26.055	HH	49413	661708	1.65%	0.021%	
483	26.137	26.055	26.150	HH	49540	2801808	6.99%	0.090%	
484	26.158	26.150	26.171	HH	49535	624399	1.56%	0.020%	
485	26.181	26.171	26.233	HH	49370	1815636	4.53%	0.058%	
486	26.244	26.233	26.275	HH	48907	1218645	3.04%	0.039%	
487	26.285	26.275	26.294	HH	48586	564901	1.41%	0.018%	
488	26.303	26.294	26.344	HH	48486	1430263	3.57%	0.046%	
489	26.358	26.344	26.368	HH	47583	687327	1.71%	0.022%	
490	26.391	26.368	26.425	HH	47974	1604010	4.00%	0.052%	
491	26.435	26.425	26.443	HH	47365	526947	1.31%	0.017%	
492	26.469	26.443	26.491	HH	47931	1371426	3.42%	0.044%	
493	26.509	26.491	26.520	HH	47770	805929	2.01%	0.026%	
494	26.529	26.520	26.570	HH	47676	1412190	3.52%	0.045%	
495	26.580	26.570	26.593	HH	47008	654538	1.63%	0.021%	
496	26.617	26.593	26.632	HH	47590	1095308	2.73%	0.035%	
497	26.692	26.632	26.700	HH	48604	1979523	4.94%	0.064%	
498	26.718	26.700	26.775	HH	48777	2134138	5.32%	0.069%	
499	26.789	26.775	26.819	HH	46582	1226733	3.06%	0.039%	
500	26.834	26.819	26.851	HH	46221	866626	2.16%	0.028%	
501	26.874	26.851	26.902	HHA	46237	1446294	3.61%	0.047%	
					Sum of corrected areas:				3109501992

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