

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011923\
 Data File : FF011884.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 15:49
 Sample : 01215-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF123022.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.023	2.000	2.046	BV	73	-5	-0.00%	-0.000%
2	2.059	2.046	2.076	PV	207	2407	0.07%	0.003%
3	2.089	2.076	2.103	VV	401	4613	0.13%	0.005%
4	2.111	2.103	2.150	VV	408	6563	0.18%	0.008%
5	2.165	2.150	2.213	VV	288	5836	0.16%	0.007%
6	2.219	2.213	2.249	PV	239	2510	0.07%	0.003%
7	2.253	2.249	2.272	VV	175	1488	0.04%	0.002%
8	2.277	2.272	2.282	VV	200	897	0.03%	0.001%
9	2.300	2.282	2.346	VV	2445	31986	0.89%	0.037%
10	2.350	2.346	2.365	VV	209	1816	0.05%	0.002%
11	2.378	2.365	2.430	VV	4031	47463	1.33%	0.056%
12	2.445	2.430	2.482	VV	731	10647	0.30%	0.012%
13	2.485	2.482	2.491	VV	154	453	0.01%	0.001%
14	2.501	2.491	2.520	VV	216	2201	0.06%	0.003%
15	2.537	2.520	2.566	VV	239	3435	0.10%	0.004%
16	2.570	2.566	2.589	VV	169	1171	0.03%	0.001%
17	2.618	2.589	2.625	PV	157	1336	0.04%	0.002%
18	2.641	2.625	2.646	PV	119	685	0.02%	0.001%
19	2.665	2.646	2.707	PV	353	6336	0.18%	0.007%
20	2.721	2.707	2.758	PV	185	2431	0.07%	0.003%
21	2.777	2.758	2.836	PV	688	11938	0.33%	0.014%
22	2.841	2.836	2.864	VV	153	1239	0.03%	0.001%
23	2.868	2.864	2.873	VV	128	551	0.02%	0.001%
24	2.876	2.873	2.884	VV	83	425	0.01%	0.000%
25	2.910	2.884	2.946	VV	553	9917	0.28%	0.012%
26	2.956	2.946	2.969	VV	435	4781	0.13%	0.006%
27	2.977	2.969	2.983	VV	377	2713	0.08%	0.003%
28	2.992	2.983	3.023	VV	449	5587	0.16%	0.007%
29	3.025	3.023	3.034	VV	201	884	0.02%	0.001%
30	3.051	3.034	3.065	VV	531	5684	0.16%	0.007%
31	3.075	3.065	3.088	VV	531	4584	0.13%	0.005%
32	3.096	3.088	3.113	VV	416	4510	0.13%	0.005%
33	3.135	3.113	3.157	VV	430	6471	0.18%	0.008%
34	3.165	3.157	3.190	VV	300	3138	0.09%	0.004%
35	3.194	3.190	3.207	VV	90	555	0.02%	0.001%
36	3.222	3.207	3.254	PV	307	4995	0.14%	0.006%

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37	3.267	3.254	3.293	VV	248	3926	0.11%	0.005%
38	3.297	3.293	3.304	VV	106	661	0.02%	0.001%
39	3.322	3.304	3.331	VV	168	2000	0.06%	0.002%
40	3.356	3.331	3.395	VV	1365	20821	0.58%	0.024%
41	3.405	3.395	3.426	VV	316	4194	0.12%	0.005%
42	3.431	3.426	3.435	VV	185	957	0.03%	0.001%
43	3.470	3.435	3.491	VV	493	11246	0.31%	0.013%
44	3.500	3.491	3.521	VV	457	5962	0.17%	0.007%
45	3.527	3.521	3.540	VV	226	2195	0.06%	0.003%
46	3.548	3.540	3.556	VV	204	1574	0.04%	0.002%
47	3.560	3.556	3.566	VV	191	985	0.03%	0.001%
48	3.577	3.566	3.593	VV	214	2971	0.08%	0.003%
49	3.597	3.593	3.622	VV	211	2060	0.06%	0.002%
50	3.644	3.622	3.653	PV	192	2020	0.06%	0.002%
51	3.674	3.653	3.703	VV	540	9076	0.25%	0.011%
52	3.713	3.703	3.742	VV	411	6800	0.19%	0.008%
53	3.749	3.742	3.786	VV	353	5502	0.15%	0.006%
54	3.806	3.786	3.830	VV	845	12441	0.35%	0.015%
55	3.832	3.830	3.835	VV	383	1136	0.03%	0.001%
56	3.839	3.835	3.857	VV	386	4238	0.12%	0.005%
57	3.885	3.857	3.922	VV	409	10035	0.28%	0.012%
58	3.942	3.922	3.958	VV	853	10693	0.30%	0.013%
59	3.965	3.958	3.980	VV	377	3524	0.10%	0.004%
60	3.995	3.980	4.017	VV	399	4911	0.14%	0.006%
61	4.046	4.017	4.059	VV	555	8547	0.24%	0.010%
62	4.064	4.059	4.071	VV	475	2865	0.08%	0.003%
63	4.074	4.071	4.110	VV	400	4641	0.13%	0.005%
64	4.144	4.110	4.164	PV	3722	42353	1.18%	0.050%
65	4.192	4.164	4.210	VV	2799	38269	1.07%	0.045%
66	4.220	4.210	4.238	VV	538	7061	0.20%	0.008%
67	4.256	4.238	4.285	VV	890	13318	0.37%	0.016%
68	4.290	4.285	4.301	VV	202	876	0.02%	0.001%
69	4.333	4.301	4.342	VV	1213	14328	0.40%	0.017%
70	4.351	4.342	4.363	VV	1160	10997	0.31%	0.013%
71	4.378	4.363	4.404	VV	1037	15728	0.44%	0.018%
72	4.406	4.404	4.415	VV	396	2179	0.06%	0.003%
73	4.420	4.415	4.435	VV	362	3956	0.11%	0.005%
74	4.443	4.435	4.473	VV	587	5717	0.16%	0.007%
75	4.505	4.473	4.533	PV	510	6720	0.19%	0.008%
76	4.551	4.533	4.575	VV	609	8056	0.22%	0.009%
77	4.607	4.575	4.628	VV	3586	42667	1.19%	0.050%
78	4.648	4.628	4.667	VV	749	9727	0.27%	0.011%
79	4.687	4.667	4.705	VV	496	6331	0.18%	0.007%
80	4.724	4.705	4.750	VV	469	7473	0.21%	0.009%
81	4.775	4.750	4.806	VV	1961	26072	0.73%	0.030%
82	4.829	4.806	4.852	VV	541	12079	0.34%	0.014%
83	4.856	4.852	4.874	VV	492	4009	0.11%	0.005%
84	4.890	4.874	4.905	VV	1182	11912	0.33%	0.014%
85	4.915	4.905	4.933	VV	627	6853	0.19%	0.008%
86	4.954	4.933	4.964	VV	759	8753	0.24%	0.010%
87	4.973	4.964	5.003	VV	796	11341	0.32%	0.013%
88	5.023	5.003	5.038	VV	834	10814	0.30%	0.013%
89	5.068	5.038	5.094	VV	801	17026	0.48%	0.020%

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90	5.120	5.094	5.156	VV	1220	23345	0.65%	0.027%
91	5.170	5.156	5.174	VV	357	3581	0.10%	0.004%
92	5.186	5.174	5.203	VV	562	7123	0.20%	0.008%
93	5.218	5.203	5.237	VV	466	6744	0.19%	0.008%
94	5.244	5.237	5.254	VV	272	2479	0.07%	0.003%
95	5.266	5.254	5.270	VV	372	2935	0.08%	0.003%
96	5.282	5.270	5.290	VV	710	6547	0.18%	0.008%
97	5.313	5.290	5.339	VV	1119	20741	0.58%	0.024%
98	5.358	5.339	5.376	VV	1078	13242	0.37%	0.015%
99	5.392	5.376	5.404	VV	778	8961	0.25%	0.010%
100	5.423	5.404	5.465	VV	1556	22485	0.63%	0.026%
101	5.478	5.465	5.499	VV	205	2501	0.07%	0.003%
102	5.547	5.499	5.571	PV	2071	27802	0.78%	0.033%
103	5.589	5.571	5.604	VV	630	9313	0.26%	0.011%
104	5.616	5.604	5.639	VV	943	11562	0.32%	0.014%
105	5.646	5.639	5.675	VV	263	4259	0.12%	0.005%
106	5.687	5.675	5.703	VV	381	3887	0.11%	0.005%
107	5.710	5.703	5.720	VV	118	1088	0.03%	0.001%
108	5.741	5.720	5.786	VV	4212	59283	1.66%	0.069%
109	5.800	5.786	5.809	VV	629	6315	0.18%	0.007%
110	5.820	5.809	5.840	VV	519	7821	0.22%	0.009%
111	5.853	5.840	5.885	VV	450	8401	0.23%	0.010%
112	5.903	5.885	5.908	VV	260	2865	0.08%	0.003%
113	5.929	5.908	5.959	VV	1446	23654	0.66%	0.028%
114	5.987	5.959	5.997	VV	596	10851	0.30%	0.013%
115	6.004	5.997	6.020	VV	537	5486	0.15%	0.006%
116	6.038	6.020	6.076	VV	1327	28758	0.80%	0.034%
117	6.093	6.076	6.117	VV	803	15300	0.43%	0.018%
118	6.130	6.117	6.147	VV	1092	12206	0.34%	0.014%
119	6.173	6.147	6.198	VV	554	12168	0.34%	0.014%
120	6.219	6.198	6.242	PV	852	9643	0.27%	0.011%
121	6.275	6.242	6.292	VV	999	16742	0.47%	0.020%
122	6.311	6.292	6.343	VV	3252	46883	1.31%	0.055%
123	6.350	6.343	6.356	VV	676	4786	0.13%	0.006%
124	6.370	6.356	6.397	VV	897	14519	0.41%	0.017%
125	6.414	6.397	6.438	VV	1228	15712	0.44%	0.018%
126	6.480	6.438	6.527	VV	2336	49534	1.38%	0.058%
127	6.543	6.527	6.554	VV	766	8493	0.24%	0.010%
128	6.567	6.554	6.583	VV	637	9209	0.26%	0.011%
129	6.606	6.583	6.626	VV	1262	20576	0.57%	0.024%
130	6.642	6.626	6.670	VV	597	12062	0.34%	0.014%
131	6.696	6.670	6.710	VV	879	14245	0.40%	0.017%
132	6.716	6.710	6.733	VV	427	4978	0.14%	0.006%
133	6.769	6.733	6.823	VV	4773	62654	1.75%	0.073%
134	6.828	6.823	6.834	PV	122	528	0.01%	0.001%
135	6.858	6.834	6.870	VV	428	5164	0.14%	0.006%
136	6.887	6.870	6.905	VV	1031	14433	0.40%	0.017%
137	6.923	6.905	6.948	VV	2904	33823	0.94%	0.040%
138	6.963	6.948	6.985	VV	1096	15094	0.42%	0.018%
139	6.997	6.985	7.013	VV	821	7383	0.21%	0.009%
140	7.028	7.013	7.035	VV	350	3631	0.10%	0.004%
141	7.054	7.035	7.073	VV	1221	14226	0.40%	0.017%

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142	7.098	7.073	7.126	VV	833	16375	0.46%	0.019%
143	7.135	7.126	7.150	VV	318	3534	0.10%	0.004%
144	7.177	7.150	7.201	VV	1979	23717	0.66%	0.028%
145	7.222	7.201	7.233	VV	1604	16885	0.47%	0.020%
146	7.245	7.233	7.267	VV	1720	21703	0.61%	0.025%
147	7.281	7.267	7.288	VV	1265	12796	0.36%	0.015%
148	7.301	7.288	7.323	VV	1457	20048	0.56%	0.023%
149	7.342	7.323	7.367	VV	1989	25044	0.70%	0.029%
150	7.405	7.367	7.427	VV	5230	73837	2.06%	0.086%
151	7.443	7.427	7.468	VV	1433	19818	0.55%	0.023%
152	7.489	7.468	7.525	VV	3142	45425	1.27%	0.053%
153	7.543	7.525	7.568	VV	3914	42908	1.20%	0.050%
154	7.589	7.568	7.605	VV	950	13349	0.37%	0.016%
155	7.615	7.605	7.650	VV	560	7656	0.21%	0.009%
156	7.714	7.650	7.743	VV	7542	114522	3.20%	0.134%
157	7.755	7.743	7.779	VV	1018	19640	0.55%	0.023%
158	7.800	7.779	7.827	VV	1061	21618	0.60%	0.025%
159	7.845	7.827	7.869	VV	595	11557	0.32%	0.014%
160	7.890	7.869	7.922	VV	2115	32749	0.91%	0.038%
161	7.942	7.922	7.959	VV	779	10009	0.28%	0.012%
162	7.975	7.959	7.980	PV	246	2230	0.06%	0.003%
163	8.008	7.980	8.020	VV	903	12117	0.34%	0.014%
164	8.031	8.020	8.040	VV	806	8251	0.23%	0.010%
165	8.053	8.040	8.073	VV	1128	15086	0.42%	0.018%
166	8.082	8.073	8.108	VV	639	8263	0.23%	0.010%
167	8.145	8.108	8.163	VV	1850	31856	0.89%	0.037%
168	8.174	8.163	8.188	VV	1339	16863	0.47%	0.020%
169	8.199	8.188	8.223	VV	1327	15773	0.44%	0.018%
170	8.241	8.223	8.262	VV	1504	18338	0.51%	0.021%
171	8.290	8.262	8.317	VV	2466	49327	1.38%	0.058%
172	8.344	8.317	8.380	VV	2239	49375	1.38%	0.058%
173	8.414	8.380	8.434	VV	6385	99486	2.78%	0.116%
174	8.439	8.434	8.454	VV	902	9046	0.25%	0.011%
175	8.482	8.454	8.492	VV	1175	20285	0.57%	0.024%
176	8.521	8.492	8.537	VV	7165	97309	2.72%	0.114%
177	8.548	8.537	8.568	VV	4366	55523	1.55%	0.065%
178	8.594	8.568	8.623	VV	10980	144931	4.05%	0.170%
179	8.639	8.623	8.657	VV	1582	23250	0.65%	0.027%
180	8.704	8.657	8.739	VV	3823	103194	2.88%	0.121%
181	8.759	8.739	8.781	VV	2912	43682	1.22%	0.051%
182	8.795	8.781	8.809	VV	1719	22458	0.63%	0.026%
183	8.819	8.809	8.835	VV	1450	18816	0.53%	0.022%
184	8.844	8.835	8.858	VV	905	10079	0.28%	0.012%
185	8.886	8.858	8.913	VV	1154	24421	0.68%	0.029%
186	8.924	8.913	8.935	VV	595	5576	0.16%	0.007%
187	8.956	8.935	8.970	VV	1687	23420	0.65%	0.027%
188	8.993	8.970	9.016	VV	7042	119656	3.34%	0.140%
189	9.028	9.016	9.042	VV	3637	48615	1.36%	0.057%
190	9.061	9.042	9.080	VV	4619	72382	2.02%	0.085%
191	9.087	9.080	9.102	VV	1656	20217	0.56%	0.024%
192	9.133	9.102	9.159	VV	5877	97623	2.73%	0.114%
193	9.188	9.159	9.205	VV	1480	28992	0.81%	0.034%
194	9.218	9.205	9.225	VV	1056	11555	0.32%	0.014%

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195	9.245	9.225	9.266	VV	3420	48664	1.36%	0.057%
196	9.280	9.266	9.301	VV	2649	32281	0.90%	0.038%
197	9.369	9.301	9.383	VV	1820	62583	1.75%	0.073%
198	9.419	9.383	9.442	VV	12194	157608	4.40%	0.184%
199	9.456	9.442	9.492	VV	3815	62923	1.76%	0.074%
200	9.512	9.492	9.535	VV	1124	19575	0.55%	0.023%
201	9.572	9.535	9.590	VV	2898	40137	1.12%	0.047%
202	9.604	9.590	9.639	VV	2450	31635	0.88%	0.037%
203	9.656	9.639	9.671	VV	927	11470	0.32%	0.013%
204	9.710	9.671	9.724	VV	2994	47737	1.33%	0.056%
205	9.741	9.724	9.769	VV	6035	77755	2.17%	0.091%
206	9.793	9.769	9.848	VV	4870	100770	2.81%	0.118%
207	9.874	9.848	9.903	VV	4691	76723	2.14%	0.090%
208	9.942	9.903	9.964	VV	1780	53350	1.49%	0.062%
209	9.977	9.964	9.992	VV	1983	27697	0.77%	0.032%
210	9.998	9.992	10.018	VV	1674	18042	0.50%	0.021%
211	10.034	10.018	10.040	VV	845	9924	0.28%	0.012%
212	10.073	10.040	10.107	VV	355924	3581750	100.00%	4.189%
213	10.117	10.107	10.179	VV	3235	94041	2.63%	0.110%
214	10.200	10.179	10.250	VV	9575	142311	3.97%	0.166%
215	10.279	10.250	10.293	VV	989	20685	0.58%	0.024%
216	10.308	10.293	10.351	VV	1362	20738	0.58%	0.024%
217	10.377	10.351	10.429	PV	1260	22172	0.62%	0.026%
218	10.434	10.429	10.452	VV	165	1187	0.03%	0.001%
219	10.488	10.452	10.515	PV	659	14113	0.39%	0.017%
220	10.544	10.515	10.569	VV	35687	398429	11.12%	0.466%
221	10.589	10.569	10.614	VV	5313	77233	2.16%	0.090%
222	10.643	10.614	10.660	VV	2756	49013	1.37%	0.057%
223	10.675	10.660	10.701	VV	2990	41811	1.17%	0.049%
224	10.717	10.701	10.727	VV	2373	25261	0.71%	0.030%
225	10.739	10.727	10.767	VV	2290	33294	0.93%	0.039%
226	10.792	10.767	10.831	VV	1701	42376	1.18%	0.050%
227	10.851	10.831	10.882	VV	2040	46335	1.29%	0.054%
228	10.892	10.882	10.905	VV	1546	17873	0.50%	0.021%
229	10.939	10.905	10.977	VV	9273	154893	4.32%	0.181%
230	11.010	10.977	11.036	VV	8075	138932	3.88%	0.162%
231	11.061	11.036	11.087	VV	1469	32269	0.90%	0.038%
232	11.098	11.087	11.120	VV	1099	12861	0.36%	0.015%
233	11.162	11.120	11.169	VV	1094	18224	0.51%	0.021%
234	11.199	11.169	11.245	VV	21145	324742	9.07%	0.380%
235	11.272	11.245	11.307	VV	5499	79103	2.21%	0.093%
236	11.333	11.307	11.363	VV	1654	34263	0.96%	0.040%
237	11.366	11.363	11.370	VV	787	3102	0.09%	0.004%
238	11.376	11.370	11.381	VV	698	3958	0.11%	0.005%
239	11.394	11.381	11.429	VV	934	17520	0.49%	0.020%
240	11.448	11.429	11.465	VV	1047	14228	0.40%	0.017%
241	11.488	11.465	11.527	VV	1814	37693	1.05%	0.044%
242	11.544	11.527	11.563	PV	1022	15622	0.44%	0.018%
243	11.591	11.563	11.613	VV	1488	35157	0.98%	0.041%
244	11.642	11.613	11.677	VV	8626	131130	3.66%	0.153%
245	11.729	11.677	11.768	VV	6293	150716	4.21%	0.176%
246	11.798	11.768	11.820	VV	1247	24323	0.68%	0.028%

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247	11.846	11.820	11.869	VV	2053	37990	1.06%	0.044%
248	11.895	11.869	11.922	VV	7520	97686	2.73%	0.114%
249	11.936	11.922	11.974	VV	1197	26569	0.74%	0.031%
250	12.000	11.974	12.015	VV	4677	58557	1.63%	0.068%
251	12.031	12.015	12.051	VV	5929	73440	2.05%	0.086%
252	12.059	12.051	12.082	VV	2002	28357	0.79%	0.033%
253	12.117	12.082	12.135	VV	3446	66289	1.85%	0.078%
254	12.149	12.135	12.162	VV	4050	48707	1.36%	0.057%
255	12.178	12.162	12.230	VV	4256	73921	2.06%	0.086%
256	12.258	12.230	12.269	PV	834	11416	0.32%	0.013%
257	12.311	12.269	12.338	VV	8160	143534	4.01%	0.168%
258	12.363	12.338	12.386	VV	38788	459870	12.84%	0.538%
259	12.402	12.386	12.449	VV	7155	110401	3.08%	0.129%
260	12.470	12.449	12.490	VV	3175	39145	1.09%	0.046%
261	12.502	12.490	12.512	VV	864	8191	0.23%	0.010%
262	12.575	12.512	12.632	VV	226756	3485697	97.32%	4.077%
263	12.646	12.632	12.663	VV	2416	34324	0.96%	0.040%
264	12.679	12.663	12.709	VV	1861	41071	1.15%	0.048%
265	12.727	12.709	12.761	VV	2008	45554	1.27%	0.053%
266	12.790	12.761	12.803	VV	2675	42063	1.17%	0.049%
267	12.806	12.803	12.829	VV	2181	21369	0.60%	0.025%
268	12.852	12.829	12.868	VV	1982	29755	0.83%	0.035%
269	12.870	12.868	12.880	VV	1444	9147	0.26%	0.011%
270	12.901	12.880	12.922	VV	5847	83536	2.33%	0.098%
271	12.952	12.922	12.988	VV	8936	158961	4.44%	0.186%
272	13.017	12.988	13.062	VV	39046	466262	13.02%	0.545%
273	13.079	13.062	13.101	VV	669	9966	0.28%	0.012%
274	13.115	13.101	13.129	VV	474	5814	0.16%	0.007%
275	13.148	13.129	13.164	VV	1260	16329	0.46%	0.019%
276	13.185	13.164	13.196	VV	3358	42474	1.19%	0.050%
277	13.206	13.196	13.247	VV	2974	57487	1.60%	0.067%
278	13.263	13.247	13.287	VV	1078	19754	0.55%	0.023%
279	13.316	13.287	13.338	PV	29475	330315	9.22%	0.386%
280	13.382	13.338	13.417	VV	97181	1346581	37.60%	1.575%
281	13.439	13.417	13.462	VV	68144	812357	22.68%	0.950%
282	13.472	13.462	13.539	VV	5580	106061	2.96%	0.124%
283	13.578	13.539	13.599	VV	39577	546610	15.26%	0.639%
284	13.628	13.599	13.698	VV	34769	675766	18.87%	0.790%
285	13.711	13.698	13.728	VV	2008	25726	0.72%	0.030%
286	13.741	13.728	13.754	VV	1735	22257	0.62%	0.026%
287	13.794	13.754	13.829	VV	64502	791945	22.11%	0.926%
288	13.845	13.829	13.863	VV	2949	44758	1.25%	0.052%
289	13.905	13.863	13.933	VV	5045	94658	2.64%	0.111%
290	13.950	13.933	13.963	VV	1106	15011	0.42%	0.018%
291	13.975	13.963	13.991	VV	1068	14448	0.40%	0.017%
292	14.014	13.991	14.034	VV	2828	43696	1.22%	0.051%
293	14.053	14.034	14.074	VV	3260	47172	1.32%	0.055%
294	14.092	14.074	14.122	VV	2221	41577	1.16%	0.049%
295	14.151	14.122	14.169	VV	7855	113229	3.16%	0.132%
296	14.180	14.169	14.204	VV	3695	52274	1.46%	0.061%
297	14.223	14.204	14.253	VV	2476	38240	1.07%	0.045%
298	14.271	14.253	14.276	VV	987	10392	0.29%	0.012%
299	14.281	14.276	14.318	VV	977	14895	0.42%	0.017%

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300	14.379	14.318	14.409	PV	1840	50493	1.41%	0.059%
301	14.427	14.409	14.434	VV	1318	14903	0.42%	0.017%
302	14.439	14.434	14.476	VV	1116	18210	0.51%	0.021%
303	14.489	14.476	14.497	VV	459	4247	0.12%	0.005%
304	14.542	14.497	14.590	VV	5067	128180	3.58%	0.150%
305	14.607	14.590	14.613	VV	1894	22726	0.63%	0.027%
306	14.639	14.613	14.657	VV	3350	56384	1.57%	0.066%
307	14.664	14.657	14.687	VV	1186	13387	0.37%	0.016%
308	14.712	14.687	14.735	VV	8078	110036	3.07%	0.129%
309	14.747	14.735	14.751	VV	1552	13786	0.38%	0.016%
310	14.771	14.751	14.795	VV	3438	61767	1.72%	0.072%
311	14.819	14.795	14.837	VV	3358	60216	1.68%	0.070%
312	14.842	14.837	14.859	VV	1801	17757	0.50%	0.021%
313	14.882	14.859	14.903	VV	4434	54334	1.52%	0.064%
314	14.927	14.903	14.967	VV	3882	75485	2.11%	0.088%
315	14.973	14.967	14.986	VV	790	5787	0.16%	0.007%
316	15.006	14.986	15.016	VV	981	11148	0.31%	0.013%
317	15.050	15.016	15.086	VV	151598	2071671	57.84%	2.423%
318	15.103	15.086	15.126	VV	1545	21930	0.61%	0.026%
319	15.144	15.126	15.166	PV	1326	18073	0.50%	0.021%
320	15.193	15.166	15.213	VV	12960	155119	4.33%	0.181%
321	15.235	15.213	15.275	VV	14270	252657	7.05%	0.296%
322	15.294	15.275	15.308	PV	1506	19889	0.56%	0.023%
323	15.326	15.308	15.340	VV	2134	28564	0.80%	0.033%
324	15.356	15.340	15.379	VV	2422	33074	0.92%	0.039%
325	15.398	15.379	15.417	VV	1216	16907	0.47%	0.020%
326	15.442	15.417	15.454	PV	904	13620	0.38%	0.016%
327	15.458	15.454	15.467	VV	637	4088	0.11%	0.005%
328	15.476	15.467	15.480	VV	595	3909	0.11%	0.005%
329	15.500	15.480	15.523	VV	1959	32537	0.91%	0.038%
330	15.556	15.523	15.582	VV	2665	46328	1.29%	0.054%
331	15.592	15.582	15.599	VV	734	5304	0.15%	0.006%
332	15.631	15.599	15.722	VV	99817	1552360	43.34%	1.816%
333	15.727	15.722	15.733	VV	561	3213	0.09%	0.004%
334	15.737	15.733	15.745	VV	540	2994	0.08%	0.004%
335	15.773	15.745	15.810	VV	8389	151265	4.22%	0.177%
336	15.826	15.810	15.837	VV	2385	29565	0.83%	0.035%
337	15.866	15.837	15.886	VV	4831	92561	2.58%	0.108%
338	15.906	15.886	15.937	VV	2901	43437	1.21%	0.051%
339	15.959	15.937	15.967	PV	824	9089	0.25%	0.011%
340	16.029	15.967	16.060	VV	2951	88851	2.48%	0.104%
341	16.067	16.060	16.082	VV	1342	15021	0.42%	0.018%
342	16.099	16.082	16.103	VV	1463	17266	0.48%	0.020%
343	16.108	16.103	16.123	VV	1371	11259	0.31%	0.013%
344	16.158	16.123	16.183	VV	3196	65757	1.84%	0.077%
345	16.190	16.183	16.215	VV	1738	27129	0.76%	0.032%
346	16.226	16.215	16.243	VV	1559	20909	0.58%	0.024%
347	16.274	16.243	16.297	VV	9075	138719	3.87%	0.162%
348	16.308	16.297	16.327	VV	2465	36234	1.01%	0.042%
349	16.331	16.327	16.352	VV	1638	16778	0.47%	0.020%
350	16.367	16.352	16.372	VV	789	5964	0.17%	0.007%
351	16.379	16.372	16.384	VV	750	4675	0.13%	0.005%

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352	16.401	16.384	16.421	VV	894	12950	0.36%	0.015%
353	16.474	16.421	16.515	PV	2452	77881	2.17%	0.091%
354	16.537	16.515	16.542	VV	1101	14514	0.41%	0.017%
355	16.575	16.542	16.603	VV	6438	117803	3.29%	0.138%
356	16.613	16.603	16.617	VV	1829	14137	0.39%	0.017%
357	16.646	16.617	16.701	VV	10721	235691	6.58%	0.276%
358	16.755	16.701	16.801	PV	20204	349962	9.77%	0.409%
359	16.842	16.801	16.860	VV	2092	32440	0.91%	0.038%
360	16.884	16.860	16.909	VV	4543	67366	1.88%	0.079%
361	16.917	16.909	16.924	VV	1645	10901	0.30%	0.013%
362	16.942	16.924	16.956	VV	1591	26831	0.75%	0.031%
363	16.963	16.956	16.987	VV	1675	23300	0.65%	0.027%
364	17.015	16.987	17.035	VV	3497	65126	1.82%	0.076%
365	17.073	17.035	17.097	VV	8593	160507	4.48%	0.188%
366	17.130	17.097	17.161	VV	11236	166142	4.64%	0.194%
367	17.227	17.161	17.247	PV	11002	197427	5.51%	0.231%
368	17.273	17.247	17.336	VV	31505	505543	14.11%	0.591%
369	17.394	17.336	17.405	VV	1187	40711	1.14%	0.048%
370	17.446	17.405	17.457	VV	2207	41582	1.16%	0.049%
371	17.479	17.457	17.485	VV	3000	36286	1.01%	0.042%
372	17.489	17.485	17.523	VV	2676	32505	0.91%	0.038%
373	17.554	17.523	17.562	VV	2554	37454	1.05%	0.044%
374	17.591	17.562	17.610	VV	5309	87319	2.44%	0.102%
375	17.627	17.610	17.638	VV	2904	37746	1.05%	0.044%
376	17.672	17.638	17.699	VV	10613	184178	5.14%	0.215%
377	17.722	17.699	17.738	VV	1778	22584	0.63%	0.026%
378	17.796	17.738	17.824	VV	4296	106253	2.97%	0.124%
379	17.857	17.824	17.873	PV	2317	32037	0.89%	0.037%
380	17.892	17.873	17.896	PV	854	8227	0.23%	0.010%
381	17.910	17.896	17.917	VV	997	9735	0.27%	0.011%
382	17.923	17.917	17.939	VV	1161	8583	0.24%	0.010%
383	17.958	17.939	17.968	VV	881	8680	0.24%	0.010%
384	18.024	17.968	18.043	PV	3234	69534	1.94%	0.081%
385	18.111	18.043	18.137	VV	12650	291806	8.15%	0.341%
386	18.171	18.137	18.179	VV	2205	32783	0.92%	0.038%
387	18.196	18.179	18.215	VV	2539	35833	1.00%	0.042%
388	18.268	18.215	18.290	VV	8994	181391	5.06%	0.212%
389	18.297	18.290	18.329	VV	4260	66689	1.86%	0.078%
390	18.352	18.329	18.375	VV	2182	36617	1.02%	0.043%
391	18.384	18.375	18.389	VV	985	5646	0.16%	0.007%
392	18.411	18.389	18.424	VV	2642	33095	0.92%	0.039%
393	18.469	18.424	18.514	VV	40195	859284	23.99%	1.005%
394	18.534	18.514	18.563	VV	14477	251518	7.02%	0.294%
395	18.589	18.563	18.599	VV	3698	62927	1.76%	0.074%
396	18.634	18.599	18.654	VV	12552	230815	6.44%	0.270%
397	18.667	18.654	18.710	VV	7213	146285	4.08%	0.171%
398	18.755	18.710	18.775	VV	11891	240083	6.70%	0.281%
399	18.803	18.775	18.817	VV	5919	142966	3.99%	0.167%
400	18.844	18.817	18.865	VV	6202	153093	4.27%	0.179%
401	18.895	18.865	18.902	VV	6697	125586	3.51%	0.147%
402	18.937	18.902	18.988	VV	24646	610830	17.05%	0.714%
403	19.001	18.988	19.007	VV	6431	61319	1.71%	0.072%
404	19.059	19.007	19.084	VV	12660	389900	10.89%	0.456%

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405	19.110	19.084	19.129	VV	12052	250376	6.99%	0.293%
406	19.148	19.129	19.162	VV	7150	125871	3.51%	0.147%
407	19.172	19.162	19.176	VV	6260	51519	1.44%	0.060%
408	19.192	19.176	19.208	VV	8937	154548	4.31%	0.181%
409	19.231	19.208	19.250	VV	10039	224769	6.28%	0.263%
410	19.299	19.250	19.323	VV	30481	784971	21.92%	0.918%
411	19.341	19.323	19.370	VV	21386	488182	13.63%	0.571%
412	19.374	19.370	19.379	VV	13305	69397	1.94%	0.081%
413	19.386	19.379	19.408	VV	13943	225946	6.31%	0.264%
414	19.461	19.408	19.493	VV	18716	788214	22.01%	0.922%
415	19.506	19.493	19.511	VV	12934	131310	3.67%	0.154%
416	19.531	19.511	19.551	VV	13880	313647	8.76%	0.367%
417	19.570	19.551	19.573	VV	13690	176896	4.94%	0.207%
418	19.595	19.573	19.610	VV	14351	295806	8.26%	0.346%
419	19.655	19.610	19.663	VV	16218	482893	13.48%	0.565%
420	19.671	19.663	19.676	VV	14919	110641	3.09%	0.129%
421	19.727	19.676	19.745	VV	24054	785475	21.93%	0.919%
422	19.765	19.745	19.787	VV	22617	518242	14.47%	0.606%
423	19.792	19.787	19.795	VV	18344	81893	2.29%	0.096%
424	19.834	19.795	19.841	VV	24083	589121	16.45%	0.689%
425	19.845	19.841	19.852	VV	24226	153559	4.29%	0.180%
426	19.857	19.852	19.875	VV	22708	294739	8.23%	0.345%
427	19.912	19.875	19.939	VV	26436	882499	24.64%	1.032%
428	19.995	19.939	20.012	VV	29037	1131315	31.59%	1.323%
429	20.022	20.012	20.027	VV	26048	241723	6.75%	0.283%
430	20.041	20.027	20.047	VV	25917	294823	8.23%	0.345%
431	20.086	20.047	20.120	VV	42069	1499157	41.86%	1.753%
432	20.124	20.120	20.130	VV	32190	184619	5.15%	0.216%
433	20.140	20.130	20.152	VV	31744	403597	11.27%	0.472%
434	20.166	20.152	20.178	VV	33241	511410	14.28%	0.598%
435	20.186	20.178	20.209	VV	32143	585890	16.36%	0.685%
436	20.214	20.209	20.217	VV	32234	157598	4.40%	0.184%
437	20.222	20.217	20.228	VV	31694	196181	5.48%	0.229%
438	20.251	20.228	20.255	VV	35063	534670	14.93%	0.625%
439	20.259	20.255	20.265	VV	34699	212744	5.94%	0.249%
440	20.289	20.265	20.320	VV	37990	1139471	31.81%	1.333%
441	20.341	20.320	20.355	VV	33552	690636	19.28%	0.808%
442	20.375	20.355	20.382	VV	36377	564113	15.75%	0.660%
443	20.394	20.382	20.412	VV	36660	639735	17.86%	0.748%
444	20.425	20.412	20.431	VV	37636	402432	11.24%	0.471%
445	20.469	20.431	20.498	VV	45531	1691153	47.22%	1.978%
446	20.555	20.498	20.567	VV	45267	1734199	48.42%	2.028%
447	20.572	20.567	20.577	VV	43634	270375	7.55%	0.316%
448	20.630	20.577	20.646	VV	50034	1906644	53.23%	2.230%
449	20.652	20.646	20.656	VV	50832	297308	8.30%	0.348%
450	20.660	20.656	20.671	VV	49977	455270	12.71%	0.532%
451	20.686	20.671	20.702	VV	51514	934773	26.10%	1.093%
452	20.710	20.702	20.732	VV	50450	873468	24.39%	1.022%
453	20.748	20.732	20.752	VV	49950	600069	16.75%	0.702%
454	20.759	20.752	20.764	VV	49728	341245	9.53%	0.399%
455	20.771	20.764	20.803	VV	50991	1134833	31.68%	1.327%
456	20.824	20.803	20.867	VV	47743	1703684	47.57%	1.993%

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457	20.890	20.867	20.905	VV	45244	1012853	28.28%	1.185%	
458	20.939	20.905	20.945	VV	51832	1171433	32.71%	1.370%	
459	20.949	20.945	20.956	VV	51517	324623	9.06%	0.380%	
460	20.960	20.956	20.963	VV	51445	231466	6.46%	0.271%	
461	20.971	20.963	20.977	VV	50759	402500	11.24%	0.471%	
462	20.982	20.977	20.999	VV	50699	667676	18.64%	0.781%	
463	21.002	20.999	21.032	VV	48688	911939	25.46%	1.067%	
464	21.034	21.032	21.044	VV	44022	301295	8.41%	0.352%	
465	21.048	21.044	21.053	VV	42419	227860	6.36%	0.267%	
466	21.062	21.053	21.087	VV	41866	801617	22.38%	0.938%	
467	21.092	21.087	21.101	VV	37969	317370	8.86%	0.371%	
468	21.117	21.101	21.123	VV	38326	511399	14.28%	0.598%	
469	21.131	21.123	21.137	VV	38245	303702	8.48%	0.355%	
470	21.141	21.137	21.145	VV	37555	188157	5.25%	0.220%	
471	21.152	21.145	21.179	VV	37459	743132	20.75%	0.869%	
472	21.214	21.179	21.237	VV	39669	1296595	36.20%	1.517%	
473	21.255	21.237	21.273	VV	37394	787497	21.99%	0.921%	
474	21.279	21.273	21.305	VV	36693	678516	18.94%	0.794%	
475	21.310	21.305	21.342	VV	35170	761164	21.25%	0.890%	
476	21.360	21.342	21.366	VV	32915	453941	12.67%	0.531%	
477	21.378	21.366	21.385	VV	32910	367708	10.27%	0.430%	
478	21.389	21.385	21.393	VV	31985	158781	4.43%	0.186%	
479	21.401	21.393	21.407	VV	31906	264973	7.40%	0.310%	
480	21.419	21.407	21.427	VV	30962	366231	10.22%	0.428%	
481	21.434	21.427	21.447	VV	30793	349540	9.76%	0.409%	
482	21.450	21.447	21.456	VV	30633	163631	4.57%	0.191%	
483	21.460	21.456	21.469	VV	30055	229761	6.41%	0.269%	
484	21.487	21.469	21.495	VV	29892	457689	12.78%	0.535%	
485	21.502	21.495	21.517	VV	30197	385035	10.75%	0.450%	
486	21.524	21.517	21.555	VV	28858	629324	17.57%	0.736%	
487	21.561	21.555	21.567	VV	25578	175329	4.90%	0.205%	
488	21.571	21.567	21.580	VV	25933	202250	5.65%	0.237%	
489	21.584	21.580	21.589	VV	24924	137239	3.83%	0.161%	
490	21.644	21.589	21.667	VV	30188	1262684	35.25%	1.477%	
491	21.670	21.667	21.707	VV	26046	569077	15.89%	0.666%	
492	21.724	21.707	21.730	VV	22717	310426	8.67%	0.363%	
493	21.734	21.730	21.739	VV	22044	117501	3.28%	0.137%	
494	21.743	21.739	21.756	VV	21985	209839	5.86%	0.245%	
495	21.768	21.756	21.774	VV	22027	235669	6.58%	0.276%	
496	21.782	21.774	21.789	VV	21559	185317	5.17%	0.217%	
497	21.793	21.789	21.817	VV	21023	328227	9.16%	0.384%	
498	21.821	21.817	21.827	VV	17925	103322	2.88%	0.121%	
499	21.856	21.827	21.863	VV	20004	381684	10.66%	0.446%	
500	21.890	21.863	21.894	VV	21505	373447	10.43%	0.437%	
501	21.912	21.894	21.940	VV	22222	554438	15.48%	0.648%	
502	21.956	21.940	21.963	VV	16533	221795	6.19%	0.259%	
503	21.967	21.963	21.976	VV	15763	113662	3.17%	0.133%	
504	21.982	21.976	22.014	VV	14189	284968	7.96%	0.333%	
505	22.019	22.014	22.053	VV	9731	192796	5.38%	0.225%	
506	22.057	22.053	22.064	VV	7507	45917	1.28%	0.054%	
507	22.076	22.064	22.080	VV	8765	75457	2.11%	0.088%	
508	22.098	22.080	22.104	VV	10059	130889	3.65%	0.153%	
509	22.146	22.104	22.190	VV	15390	643306	17.96%	0.752%	

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510	22.193	22.190	22.217	VV	8179	84393	2.36%	0.099%
511	22.221	22.217	22.244	VV	2869	22728	0.63%	0.027%
512	22.251	22.244	22.260	PV	922	4553	0.13%	0.005%
513	22.291	22.260	22.300	PBA	2751	66550	1.86%	0.078%
						Sum of corrected areas:		85498354

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