

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111422\
 Data File : FF011725.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2022 08:03
 Sample : N5538-01 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110422.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.196	2.191	2.207	VV	1690	15547	0.63%	0.017%
2	2.210	2.207	2.229	VV	1633	20981	0.85%	0.023%
3	2.232	2.229	2.252	VV	1586	20419	0.83%	0.022%
4	2.255	2.252	2.265	VV	1513	11655	0.47%	0.013%
5	2.286	2.265	2.308	VV	1617	37962	1.53%	0.042%
6	2.326	2.308	2.362	VV	1580	45317	1.83%	0.050%
7	2.367	2.362	2.378	VV	1295	11694	0.47%	0.013%
8	2.392	2.378	2.438	VV	2073	52534	2.12%	0.058%
9	2.453	2.438	2.499	VV	1739	44852	1.81%	0.049%
10	2.503	2.499	2.518	VV	977	10668	0.43%	0.012%
11	2.532	2.518	2.536	VV	947	9521	0.38%	0.010%
12	2.543	2.536	2.548	VV	1007	6542	0.26%	0.007%
13	2.554	2.548	2.583	VV	938	18260	0.74%	0.020%
14	2.588	2.583	2.607	VV	904	11664	0.47%	0.013%
15	2.608	2.607	2.613	VV	816	3107	0.13%	0.003%
16	2.617	2.613	2.645	VV	866	14707	0.59%	0.016%
17	2.673	2.645	2.688	VV	993	21742	0.88%	0.024%
18	2.701	2.688	2.705	VV	914	8937	0.36%	0.010%
19	2.725	2.705	2.763	VV	1085	29428	1.19%	0.032%
20	2.780	2.763	2.784	VV	910	9840	0.40%	0.011%
21	2.793	2.784	2.813	VV	883	13556	0.55%	0.015%
22	2.816	2.813	2.826	VV	686	5055	0.20%	0.006%
23	2.854	2.826	2.869	VV	747	16730	0.68%	0.018%
24	2.874	2.869	2.878	VV	677	3409	0.14%	0.004%
25	2.888	2.878	2.902	VV	663	8618	0.35%	0.009%
26	2.919	2.902	2.925	VV	639	8154	0.33%	0.009%
27	2.935	2.925	2.940	VV	656	5719	0.23%	0.006%
28	2.944	2.940	2.963	VV	641	8118	0.33%	0.009%
29	2.972	2.963	2.983	VV	785	8569	0.35%	0.009%
30	3.007	2.983	3.079	VV	3435	92691	3.75%	0.102%
31	3.084	3.079	3.092	VV	768	5692	0.23%	0.006%
32	3.098	3.092	3.102	VV	819	4529	0.18%	0.005%
33	3.106	3.102	3.119	VV	769	7676	0.31%	0.008%
34	3.134	3.119	3.157	VV	772	15676	0.63%	0.017%
35	3.168	3.157	3.190	VV	777	13164	0.53%	0.014%
36	3.194	3.190	3.200	VV	704	3922	0.16%	0.004%

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37	3.208	3.200	3.216	VV	694	6602	0.27%	0.007%
38	3.229	3.216	3.254	VV	1052	18922	0.76%	0.021%
39	3.258	3.254	3.273	VV	730	8020	0.32%	0.009%
40	3.281	3.273	3.286	VV	792	5799	0.23%	0.006%
41	3.290	3.286	3.295	VV	740	3814	0.15%	0.004%
42	3.300	3.295	3.314	VV	729	7808	0.32%	0.009%
43	3.321	3.314	3.326	VV	769	4807	0.19%	0.005%
44	3.329	3.326	3.348	VV	693	7622	0.31%	0.008%
45	3.352	3.348	3.377	VV	616	9130	0.37%	0.010%
46	3.383	3.377	3.408	VV	547	8479	0.34%	0.009%
47	3.410	3.408	3.441	VV	476	7795	0.32%	0.009%
48	3.444	3.441	3.453	VV	427	2613	0.11%	0.003%
49	3.463	3.453	3.488	VV	730	11480	0.46%	0.013%
50	3.492	3.488	3.497	VV	485	2452	0.10%	0.003%
51	3.502	3.497	3.524	VV	511	6823	0.28%	0.007%
52	3.529	3.524	3.535	VV	369	2259	0.09%	0.002%
53	3.540	3.535	3.544	VV	354	1965	0.08%	0.002%
54	3.549	3.544	3.558	VV	388	2784	0.11%	0.003%
55	3.562	3.558	3.569	VV	423	2193	0.09%	0.002%
56	3.575	3.569	3.614	VV	460	9648	0.39%	0.011%
57	3.620	3.614	3.628	VV	332	2382	0.10%	0.003%
58	3.634	3.628	3.663	VV	339	6141	0.25%	0.007%
59	3.679	3.663	3.696	VV	429	6551	0.26%	0.007%
60	3.721	3.696	3.753	VV	600	14806	0.60%	0.016%
61	3.757	3.753	3.766	VV	490	3104	0.13%	0.003%
62	3.771	3.766	3.780	VV	480	3222	0.13%	0.004%
63	3.788	3.780	3.796	VV	374	3319	0.13%	0.004%
64	3.812	3.796	3.872	VV	848	22163	0.90%	0.024%
65	3.875	3.872	3.879	VV	362	1292	0.05%	0.001%
66	3.892	3.879	3.916	VV	359	6241	0.25%	0.007%
67	3.948	3.916	3.968	VV	464	11108	0.45%	0.012%
68	3.999	3.968	4.038	VV	614	16715	0.68%	0.018%
69	4.048	4.038	4.072	VV	370	6224	0.25%	0.007%
70	4.077	4.072	4.095	VV	333	3065	0.12%	0.003%
71	4.098	4.095	4.110	VV	190	1192	0.05%	0.001%
72	4.114	4.110	4.121	VV	163	776	0.03%	0.001%
73	4.152	4.121	4.180	VV	2640	38342	1.55%	0.042%
74	4.202	4.180	4.242	VV	1445	26559	1.07%	0.029%
75	4.259	4.242	4.293	VV	465	9204	0.37%	0.010%
76	4.323	4.293	4.348	VV	3511	64573	2.61%	0.071%
77	4.360	4.348	4.410	VV	2877	55549	2.25%	0.061%
78	4.415	4.410	4.445	VV	700	11871	0.48%	0.013%
79	4.452	4.445	4.472	VV	550	6726	0.27%	0.007%
80	4.480	4.472	4.486	VV	309	2051	0.08%	0.002%
81	4.507	4.486	4.516	VV	414	5848	0.24%	0.006%
82	4.522	4.516	4.543	VV	383	4679	0.19%	0.005%
83	4.566	4.543	4.586	VV	423	8400	0.34%	0.009%
84	4.615	4.586	4.638	VV	602	12076	0.49%	0.013%
85	4.659	4.638	4.672	VV	432	5730	0.23%	0.006%
86	4.688	4.672	4.693	VV	474	4550	0.18%	0.005%
87	4.697	4.693	4.722	VV	462	4922	0.20%	0.005%
88	4.728	4.722	4.742	VV	236	2342	0.09%	0.003%
89	4.750	4.742	4.755	VV	277	1622	0.07%	0.002%

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90	4.782	4.755	4.810	VV	747	13248	0.54%	0.015%
91	4.847	4.810	4.885	VV	2470	46581	1.88%	0.051%
92	4.898	4.885	4.941	VV	802	15954	0.64%	0.017%
93	4.982	4.941	5.006	VV	1423	26766	1.08%	0.029%
94	5.027	5.006	5.043	VV	882	15648	0.63%	0.017%
95	5.058	5.043	5.112	VV	1096	33973	1.37%	0.037%
96	5.127	5.112	5.148	VV	770	11389	0.46%	0.012%
97	5.167	5.148	5.175	VV	420	5346	0.22%	0.006%
98	5.180	5.175	5.183	VV	357	1649	0.07%	0.002%
99	5.189	5.183	5.219	VV	414	6771	0.27%	0.007%
100	5.223	5.219	5.243	VV	310	2791	0.11%	0.003%
101	5.267	5.243	5.283	PV	429	6583	0.27%	0.007%
102	5.298	5.283	5.313	VV	668	9411	0.38%	0.010%
103	5.316	5.313	5.342	VV	621	8219	0.33%	0.009%
104	5.370	5.342	5.382	VV	775	14158	0.57%	0.016%
105	5.399	5.382	5.409	VV	1221	14847	0.60%	0.016%
106	5.424	5.409	5.446	VV	1432	22758	0.92%	0.025%
107	5.451	5.446	5.476	VV	624	6422	0.26%	0.007%
108	5.498	5.476	5.538	VV	1364	31862	1.29%	0.035%
109	5.555	5.538	5.584	VV	1632	25832	1.04%	0.028%
110	5.588	5.584	5.604	VV	516	5558	0.22%	0.006%
111	5.621	5.604	5.640	VV	1265	16666	0.67%	0.018%
112	5.653	5.640	5.663	VV	626	6768	0.27%	0.007%
113	5.685	5.663	5.733	VV	10914	133136	5.38%	0.146%
114	5.764	5.733	5.779	VV	1243	25727	1.04%	0.028%
115	5.802	5.779	5.842	VV	2244	42871	1.73%	0.047%
116	5.855	5.842	5.868	VV	701	8421	0.34%	0.009%
117	5.872	5.868	5.891	VV	531	5337	0.22%	0.006%
118	5.901	5.891	5.913	VV	415	3894	0.16%	0.004%
119	5.936	5.913	5.968	VV	1657	26411	1.07%	0.029%
120	5.995	5.968	6.007	VV	819	14361	0.58%	0.016%
121	6.019	6.007	6.035	VV	1161	14575	0.59%	0.016%
122	6.064	6.035	6.075	VV	1182	22893	0.93%	0.025%
123	6.085	6.075	6.105	VV	1366	16489	0.67%	0.018%
124	6.119	6.105	6.124	VV	701	6675	0.27%	0.007%
125	6.137	6.124	6.148	VV	741	9161	0.37%	0.010%
126	6.160	6.148	6.206	VV	1340	19868	0.80%	0.022%
127	6.230	6.206	6.243	PV	562	6799	0.27%	0.007%
128	6.281	6.243	6.303	VV	1918	37803	1.53%	0.041%
129	6.320	6.303	6.353	VV	2401	34560	1.40%	0.038%
130	6.389	6.353	6.413	VV	18881	216695	8.76%	0.238%
131	6.420	6.413	6.445	VV	2343	30729	1.24%	0.034%
132	6.468	6.445	6.480	VV	1115	18845	0.76%	0.021%
133	6.487	6.480	6.496	VV	1081	9390	0.38%	0.010%
134	6.520	6.496	6.538	VV	1188	26614	1.08%	0.029%
135	6.547	6.538	6.556	VV	1003	9798	0.40%	0.011%
136	6.572	6.556	6.592	VV	1654	24186	0.98%	0.027%
137	6.609	6.592	6.624	VV	1041	16367	0.66%	0.018%
138	6.650	6.624	6.663	VV	1264	23742	0.96%	0.026%
139	6.693	6.663	6.708	VV	3029	50554	2.04%	0.055%
140	6.725	6.708	6.758	VV	9533	125274	5.06%	0.137%
141	6.778	6.758	6.795	VV	6282	77391	3.13%	0.085%

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142	6.811	6.795	6.835	VV	5036	66906	2.70%	0.073%
143	6.841	6.835	6.850	VV	1133	9962	0.40%	0.011%
144	6.869	6.850	6.881	VV	1812	27289	1.10%	0.030%
145	6.886	6.881	6.896	VV	1440	12219	0.49%	0.013%
146	6.908	6.896	6.914	VV	1753	16069	0.65%	0.018%
147	6.929	6.914	6.949	VV	3754	51099	2.07%	0.056%
148	6.968	6.949	6.993	VV	4108	64216	2.60%	0.070%
149	7.004	6.993	7.017	VV	1380	17177	0.69%	0.019%
150	7.047	7.017	7.074	VV	1981	51570	2.08%	0.057%
151	7.106	7.074	7.133	VV	2373	65261	2.64%	0.072%
152	7.146	7.133	7.162	VV	2184	31288	1.26%	0.034%
153	7.185	7.162	7.202	VV	2710	50661	2.05%	0.056%
154	7.213	7.202	7.225	VV	2373	29186	1.18%	0.032%
155	7.247	7.225	7.266	VV	3648	66102	2.67%	0.072%
156	7.283	7.266	7.297	VV	4036	56486	2.28%	0.062%
157	7.311	7.297	7.327	VV	4336	61738	2.50%	0.068%
158	7.346	7.327	7.373	VV	6686	108542	4.39%	0.119%
159	7.409	7.373	7.428	VV	3922	101845	4.12%	0.112%
160	7.446	7.428	7.470	VV	4551	81991	3.31%	0.090%
161	7.495	7.470	7.503	VV	5905	81580	3.30%	0.089%
162	7.513	7.503	7.538	VV	6063	94890	3.84%	0.104%
163	7.550	7.538	7.566	VV	3731	52709	2.13%	0.058%
164	7.597	7.566	7.618	VV	4884	104059	4.21%	0.114%
165	7.645	7.618	7.660	VV	4306	82217	3.32%	0.090%
166	7.686	7.660	7.699	VV	4459	84788	3.43%	0.093%
167	7.718	7.699	7.748	VV	8466	157238	6.36%	0.172%
168	7.786	7.748	7.799	VV	5204	127149	5.14%	0.139%
169	7.812	7.799	7.824	VV	4781	64738	2.62%	0.071%
170	7.855	7.824	7.871	VV	5922	136671	5.53%	0.150%
171	7.901	7.871	7.922	VV	6163	160941	6.51%	0.177%
172	7.936	7.922	7.965	VV	5804	112349	4.54%	0.123%
173	7.983	7.965	7.996	VV	5015	79127	3.20%	0.087%
174	8.016	7.996	8.047	VV	8445	187514	7.58%	0.206%
175	8.063	8.047	8.083	VV	5395	103223	4.17%	0.113%
176	8.113	8.083	8.134	VV	11505	205495	8.31%	0.225%
177	8.157	8.134	8.172	VV	7145	146134	5.91%	0.160%
178	8.181	8.172	8.191	VV	6176	67450	2.73%	0.074%
179	8.204	8.191	8.226	VV	6782	124263	5.02%	0.136%
180	8.249	8.226	8.263	VV	5770	121083	4.90%	0.133%
181	8.298	8.263	8.315	VV	7782	207981	8.41%	0.228%
182	8.339	8.315	8.391	VV	22546	480019	19.41%	0.526%
183	8.419	8.391	8.440	VV	10550	241450	9.76%	0.265%
184	8.444	8.440	8.460	VV	7322	84979	3.44%	0.093%
185	8.481	8.460	8.510	VV	10617	257762	10.42%	0.283%
186	8.527	8.510	8.539	VV	7926	131356	5.31%	0.144%
187	8.554	8.539	8.565	VV	8637	127035	5.14%	0.139%
188	8.599	8.565	8.630	VV	14749	403313	16.31%	0.442%
189	8.645	8.630	8.665	VV	9078	173825	7.03%	0.191%
190	8.687	8.665	8.698	VV	9358	173400	7.01%	0.190%
191	8.715	8.698	8.736	VV	13154	238715	9.65%	0.262%
192	8.766	8.736	8.808	VV	24695	567921	22.96%	0.623%
193	8.825	8.808	8.837	VV	8701	143054	5.78%	0.157%
194	8.868	8.837	8.885	VV	11320	295880	11.96%	0.325%

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195	8.892	8.885	8.922	VV	9812	184485	7.46%	0.202%
196	8.945	8.922	8.972	VV	12057	291330	11.78%	0.320%
197	8.994	8.972	9.019	VV	15456	354097	14.32%	0.388%
198	9.033	9.019	9.043	VV	12675	170675	6.90%	0.187%
199	9.064	9.043	9.088	VV	22522	422565	17.08%	0.463%
200	9.104	9.088	9.111	VV	13587	178004	7.20%	0.195%
201	9.132	9.111	9.162	VV	26679	530102	21.43%	0.581%
202	9.182	9.162	9.197	VV	11162	229764	9.29%	0.252%
203	9.221	9.197	9.242	VV	13248	312441	12.63%	0.343%
204	9.256	9.242	9.275	VV	12363	236646	9.57%	0.260%
205	9.286	9.275	9.305	VV	11655	202650	8.19%	0.222%
206	9.308	9.305	9.317	VV	10673	77018	3.11%	0.084%
207	9.354	9.317	9.384	VV	13479	478555	19.35%	0.525%
208	9.425	9.384	9.453	VV	21202	573149	23.17%	0.629%
209	9.469	9.453	9.487	VV	11672	230366	9.31%	0.253%
210	9.515	9.487	9.543	VV	14192	406264	16.42%	0.446%
211	9.563	9.543	9.575	VV	11307	204910	8.28%	0.225%
212	9.580	9.575	9.594	VV	11042	122438	4.95%	0.134%
213	9.610	9.594	9.619	VV	11253	159700	6.46%	0.175%
214	9.639	9.619	9.650	VV	13245	226226	9.15%	0.248%
215	9.665	9.650	9.682	VV	13337	238946	9.66%	0.262%
216	9.687	9.682	9.694	VV	11810	87366	3.53%	0.096%
217	9.713	9.694	9.725	VV	12783	227870	9.21%	0.250%
218	9.748	9.725	9.780	VV	14339	418240	16.91%	0.459%
219	9.801	9.780	9.811	VV	16542	266799	10.79%	0.293%
220	9.824	9.811	9.858	VV	18723	417769	16.89%	0.458%
221	9.882	9.858	9.894	VV	14719	285956	11.56%	0.314%
222	9.901	9.894	9.922	VV	14137	222560	9.00%	0.244%
223	9.937	9.922	9.953	VV	13715	248085	10.03%	0.272%
224	9.965	9.953	9.974	VV	13062	157989	6.39%	0.173%
225	9.982	9.974	10.011	VV	13293	270547	10.94%	0.297%
226	10.027	10.011	10.032	VV	12264	147597	5.97%	0.162%
227	10.058	10.032	10.070	VV	12573	281630	11.39%	0.309%
228	10.080	10.070	10.103	VV	11908	233655	9.45%	0.256%
229	10.120	10.103	10.138	VV	12904	258506	10.45%	0.284%
230	10.159	10.138	10.189	VV	13651	399090	16.13%	0.438%
231	10.207	10.189	10.234	VV	23921	461351	18.65%	0.506%
232	10.240	10.234	10.256	VV	13377	170668	6.90%	0.187%
233	10.265	10.256	10.280	VV	12880	181172	7.32%	0.199%
234	10.310	10.280	10.336	VV	13094	416864	16.85%	0.457%
235	10.339	10.336	10.355	VV	11870	133778	5.41%	0.147%
236	10.383	10.355	10.403	VV	13158	359428	14.53%	0.394%
237	10.407	10.403	10.418	VV	12335	104426	4.22%	0.115%
238	10.426	10.418	10.432	VV	12356	104367	4.22%	0.114%
239	10.436	10.432	10.439	VV	12385	55136	2.23%	0.060%
240	10.443	10.439	10.467	VV	12478	203261	8.22%	0.223%
241	10.484	10.467	10.498	VV	12979	220096	8.90%	0.241%
242	10.525	10.498	10.538	VV	12825	300180	12.14%	0.329%
243	10.552	10.538	10.568	VV	13513	233280	9.43%	0.256%
244	10.596	10.568	10.620	VV	20995	496214	20.06%	0.544%
245	10.650	10.620	10.668	VV	14586	400465	16.19%	0.439%
246	10.685	10.668	10.709	VV	15439	341478	13.81%	0.375%

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247	10.745	10.709	10.770	VV	16284	522115	21.11%	0.573%
248	10.793	10.770	10.820	VV	13624	392112	15.85%	0.430%
249	10.853	10.820	10.869	VV	15396	421946	17.06%	0.463%
250	10.878	10.869	10.904	VV	14379	284315	11.49%	0.312%
251	10.945	10.904	10.984	VV	26714	823997	33.31%	0.904%
252	11.018	10.984	11.046	VV	28905	723297	29.24%	0.793%
253	11.057	11.046	11.068	VV	14632	194002	7.84%	0.213%
254	11.075	11.068	11.110	VV	14279	338575	13.69%	0.371%
255	11.118	11.110	11.132	VV	13079	165329	6.68%	0.181%
256	11.154	11.132	11.173	VV	13995	334317	13.52%	0.367%
257	11.203	11.173	11.222	VV	16784	440824	17.82%	0.483%
258	11.226	11.222	11.245	VV	14707	192038	7.76%	0.211%
259	11.279	11.245	11.304	VV	21093	567377	22.94%	0.622%
260	11.309	11.304	11.316	VV	13848	99955	4.04%	0.110%
261	11.336	11.316	11.353	VV	15152	313687	12.68%	0.344%
262	11.359	11.353	11.363	VV	13833	87403	3.53%	0.096%
263	11.374	11.363	11.407	VV	14265	355977	14.39%	0.390%
264	11.433	11.407	11.448	VV	14959	348182	14.08%	0.382%
265	11.455	11.448	11.473	VV	14266	204185	8.25%	0.224%
266	11.505	11.473	11.536	VV	14828	535674	21.66%	0.587%
267	11.560	11.536	11.572	VV	14205	291529	11.79%	0.320%
268	11.594	11.572	11.599	VV	14438	231592	9.36%	0.254%
269	11.610	11.599	11.618	VV	14438	166635	6.74%	0.183%
270	11.647	11.618	11.670	VV	24241	546242	22.08%	0.599%
271	11.681	11.670	11.690	VV	13962	165221	6.68%	0.181%
272	11.698	11.690	11.703	VV	13868	102911	4.16%	0.113%
273	11.707	11.703	11.712	VV	13794	75384	3.05%	0.083%
274	11.737	11.712	11.776	VV	22233	630217	25.48%	0.691%
275	11.803	11.776	11.831	VV	13537	419244	16.95%	0.460%
276	11.845	11.831	11.873	VV	13158	316776	12.81%	0.347%
277	11.900	11.873	11.918	VV	13463	358079	14.48%	0.393%
278	11.950	11.918	11.985	VV	14546	540577	21.85%	0.593%
279	12.008	11.985	12.020	VV	13899	271663	10.98%	0.298%
280	12.041	12.020	12.075	VV	15103	446044	18.03%	0.489%
281	12.107	12.075	12.114	VV	15943	326070	13.18%	0.358%
282	12.122	12.114	12.140	VV	15942	236330	9.55%	0.259%
283	12.156	12.140	12.174	VV	15757	299289	12.10%	0.328%
284	12.186	12.174	12.243	VV	15502	541800	21.90%	0.594%
285	12.316	12.243	12.353	VV	21261	968302	39.15%	1.062%
286	12.366	12.353	12.383	VV	13467	222537	9.00%	0.244%
287	12.398	12.383	12.428	VV	13287	341709	13.81%	0.375%
288	12.445	12.428	12.460	VV	12256	231637	9.36%	0.254%
289	12.474	12.460	12.496	VV	12833	259854	10.51%	0.285%
290	12.512	12.496	12.521	VV	11562	168960	6.83%	0.185%
291	12.560	12.521	12.607	VV	28199	787652	31.84%	0.864%
292	12.629	12.607	12.669	VV	12568	436673	17.65%	0.479%
293	12.690	12.669	12.698	VV	11635	197990	8.00%	0.217%
294	12.703	12.698	12.718	VV	11630	134805	5.45%	0.148%
295	12.729	12.718	12.744	VV	11858	176426	7.13%	0.193%
296	12.751	12.744	12.768	VV	11394	158124	6.39%	0.173%
297	12.800	12.768	12.812	VV	11509	282829	11.43%	0.310%
298	12.816	12.812	12.838	VV	11316	166189	6.72%	0.182%
299	12.859	12.838	12.887	VV	12497	323914	13.10%	0.355%

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300	12.908	12.887	12.926	VV	13445	281829	11.39%	0.309%
301	12.957	12.926	12.998	VV	17134	530829	21.46%	0.582%
302	13.024	12.998	13.072	VV	32260	659198	26.65%	0.723%
303	13.084	13.072	13.112	VV	9282	211188	8.54%	0.232%
304	13.122	13.112	13.141	VV	8691	146274	5.91%	0.160%
305	13.162	13.141	13.181	VV	10101	223564	9.04%	0.245%
306	13.189	13.181	13.198	VV	9081	90420	3.66%	0.099%
307	13.229	13.198	13.251	VV	9927	290276	11.74%	0.318%
308	13.254	13.251	13.269	VV	8510	92888	3.76%	0.102%
309	13.274	13.269	13.296	VV	8491	126669	5.12%	0.139%
310	13.324	13.296	13.348	VV	39016	573409	23.18%	0.629%
311	13.354	13.348	13.366	VV	8714	95366	3.86%	0.105%
312	13.378	13.366	13.395	VV	9259	145709	5.89%	0.160%
313	13.412	13.395	13.435	VV	9169	191213	7.73%	0.210%
314	13.454	13.435	13.478	VV	7871	184558	7.46%	0.202%
315	13.498	13.478	13.502	VV	7057	101671	4.11%	0.112%
316	13.523	13.502	13.546	VV	9545	201095	8.13%	0.221%
317	13.571	13.546	13.580	VV	11298	179709	7.27%	0.197%
318	13.587	13.580	13.608	VV	11137	162683	6.58%	0.178%
319	13.622	13.608	13.643	VV	8486	158601	6.41%	0.174%
320	13.655	13.643	13.687	VV	7437	173020	6.99%	0.190%
321	13.697	13.687	13.701	VV	5725	47482	1.92%	0.052%
322	13.720	13.701	13.737	VV	6276	125309	5.07%	0.137%
323	13.749	13.737	13.763	VV	6129	91105	3.68%	0.100%
324	13.793	13.763	13.863	VV	10819	392907	15.88%	0.431%
325	13.910	13.863	13.950	VV	10461	336452	13.60%	0.369%
326	13.955	13.950	13.968	VV	4791	48916	1.98%	0.054%
327	13.979	13.968	13.998	VV	4991	84855	3.43%	0.093%
328	14.021	13.998	14.042	VV	6575	132503	5.36%	0.145%
329	14.060	14.042	14.083	VV	7406	135901	5.49%	0.149%
330	14.105	14.083	14.127	VV	5607	113157	4.57%	0.124%
331	14.155	14.127	14.175	VV	7728	156050	6.31%	0.171%
332	14.189	14.175	14.208	VV	7303	108838	4.40%	0.119%
333	14.229	14.208	14.247	VV	5819	104966	4.24%	0.115%
334	14.258	14.247	14.286	VV	3314	70774	2.86%	0.078%
335	14.302	14.286	14.328	VV	3382	69404	2.81%	0.076%
336	14.370	14.328	14.422	VV	3053	132725	5.37%	0.146%
337	14.438	14.422	14.454	VV	1969	35036	1.42%	0.038%
338	14.467	14.454	14.484	VV	1813	29789	1.20%	0.033%
339	14.494	14.484	14.510	VV	1883	26584	1.07%	0.029%
340	14.535	14.510	14.569	VV	2475	71624	2.90%	0.079%
341	14.586	14.569	14.593	VV	2003	25214	1.02%	0.028%
342	14.610	14.593	14.626	VV	2600	44676	1.81%	0.049%
343	14.646	14.626	14.694	VV	4834	100111	4.05%	0.110%
344	14.719	14.694	14.736	VV	4721	74408	3.01%	0.082%
345	14.748	14.736	14.783	VV	2864	56751	2.29%	0.062%
346	14.793	14.783	14.796	VV	1309	10497	0.42%	0.012%
347	14.827	14.796	14.841	VV	4022	70372	2.85%	0.077%
348	14.854	14.841	14.867	VV	2818	38459	1.55%	0.042%
349	14.891	14.867	14.911	VV	9361	129509	5.24%	0.142%
350	14.947	14.911	14.982	VV	3969	94329	3.81%	0.103%
351	14.985	14.982	14.996	VV	790	6280	0.25%	0.007%

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352	15.012	14.996	15.023	VV	2007	25568	1.03%	0.028%
353	15.054	15.023	15.107	VV	29363	452130	18.28%	0.496%
354	15.116	15.107	15.129	VV	373	3771	0.15%	0.004%
355	15.154	15.129	15.170	VV	3010	38604	1.56%	0.042%
356	15.200	15.170	15.222	VV	18841	250973	10.15%	0.275%
357	15.242	15.222	15.278	VV	24453	329763	13.33%	0.362%
358	15.298	15.278	15.321	VV	1559	31990	1.29%	0.035%
359	15.362	15.321	15.391	VV	6598	135718	5.49%	0.149%
360	15.420	15.391	15.473	VV	3548	102422	4.14%	0.112%
361	15.509	15.473	15.528	PV	3893	72146	2.92%	0.079%
362	15.544	15.528	15.580	VV	3890	68889	2.79%	0.076%
363	15.589	15.580	15.604	VV	784	9691	0.39%	0.011%
364	15.650	15.604	15.706	VV	7684	196564	7.95%	0.216%
365	15.718	15.706	15.736	VV	1327	16998	0.69%	0.019%
366	15.743	15.736	15.747	VV	499	2851	0.12%	0.003%
367	15.780	15.747	15.814	VV	4067	82725	3.34%	0.091%
368	15.833	15.814	15.843	VV	2227	27825	1.12%	0.031%
369	15.874	15.843	15.897	VV	9383	147271	5.95%	0.162%
370	15.912	15.897	15.947	VV	3833	48971	1.98%	0.054%
371	15.991	15.947	16.003	VV	2107	38257	1.55%	0.042%
372	16.020	16.003	16.025	VV	4345	44544	1.80%	0.049%
373	16.031	16.025	16.063	VV	4399	69735	2.82%	0.076%
374	16.071	16.063	16.095	VV	1155	15446	0.62%	0.017%
375	16.113	16.095	16.140	VV	2135	30949	1.25%	0.034%
376	16.168	16.140	16.181	VV	1249	21425	0.87%	0.023%
377	16.197	16.181	16.213	VV	2171	30649	1.24%	0.034%
378	16.229	16.213	16.249	VV	3026	43028	1.74%	0.047%
379	16.280	16.249	16.334	VV	4403	120567	4.87%	0.132%
380	16.346	16.334	16.360	VV	799	8671	0.35%	0.010%
381	16.381	16.360	16.395	VV	841	13056	0.53%	0.014%
382	16.403	16.395	16.435	VV	987	9720	0.39%	0.011%
383	16.485	16.435	16.503	PV	5177	93175	3.77%	0.102%
384	16.511	16.503	16.526	VV	2238	21521	0.87%	0.024%
385	16.545	16.526	16.562	VV	3469	48184	1.95%	0.053%
386	16.593	16.562	16.610	VV	4138	87506	3.54%	0.096%
387	16.623	16.610	16.631	VV	2177	24744	1.00%	0.027%
388	16.635	16.631	16.643	VV	1955	13897	0.56%	0.015%
389	16.686	16.643	16.712	VV	8384	162212	6.56%	0.178%
390	16.761	16.712	16.779	PV	46336	673845	27.24%	0.739%
391	16.787	16.779	16.817	VV	16377	183324	7.41%	0.201%
392	16.844	16.817	16.863	VV	1715	30429	1.23%	0.033%
393	16.891	16.863	16.912	VV	10938	147201	5.95%	0.161%
394	16.928	16.912	16.937	VV	2341	28720	1.16%	0.031%
395	16.943	16.937	16.966	VV	2146	28300	1.14%	0.031%
396	16.982	16.966	16.990	VV	1413	15937	0.64%	0.017%
397	17.011	16.990	17.025	VV	1967	32189	1.30%	0.035%
398	17.082	17.025	17.108	VV	35099	527810	21.34%	0.579%
399	17.138	17.108	17.182	VV	34234	452949	18.31%	0.497%
400	17.239	17.182	17.264	VV	17139	294781	11.92%	0.323%
401	17.283	17.264	17.316	VV	2792	58560	2.37%	0.064%
402	17.332	17.316	17.336	VV	1792	17580	0.71%	0.019%
403	17.349	17.336	17.359	VV	1927	24274	0.98%	0.027%
404	17.381	17.359	17.422	VV	3402	79323	3.21%	0.087%

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405	17.445	17.422	17.465	VV	2044	29370	1.19%	0.032%
406	17.506	17.465	17.533	VV	3909	88382	3.57%	0.097%
407	17.539	17.533	17.567	VV	2077	29209	1.18%	0.032%
408	17.571	17.567	17.590	VV	554	4302	0.17%	0.005%
409	17.639	17.590	17.653	VV	4124	79091	3.20%	0.087%
410	17.671	17.653	17.705	VV	5550	104345	4.22%	0.114%
411	17.724	17.705	17.741	VV	2170	30325	1.23%	0.033%
412	17.754	17.741	17.769	VV	1403	19566	0.79%	0.021%
413	17.802	17.769	17.824	VV	2866	58710	2.37%	0.064%
414	17.841	17.824	17.877	VV	1912	33752	1.36%	0.037%
415	17.929	17.877	17.955	PV	1607	34254	1.38%	0.038%
416	17.984	17.955	18.002	PV	1517	17917	0.72%	0.020%
417	18.010	18.002	18.016	VV	187	1739	0.07%	0.002%
418	18.020	18.016	18.024	VV	253	795	0.03%	0.001%
419	18.060	18.024	18.080	VV	1600	24268	0.98%	0.027%
420	18.115	18.080	18.154	VV	7868	148209	5.99%	0.163%
421	18.192	18.154	18.214	VV	2845	52348	2.12%	0.057%
422	18.235	18.214	18.253	VV	3714	56090	2.27%	0.062%
423	18.273	18.253	18.291	VV	6078	86696	3.50%	0.095%
424	18.304	18.291	18.325	VV	3568	56161	2.27%	0.062%
425	18.355	18.325	18.384	VV	6176	115165	4.66%	0.126%
426	18.417	18.384	18.435	VV	9874	153654	6.21%	0.169%
427	18.445	18.435	18.469	VV	4919	64535	2.61%	0.071%
428	18.509	18.469	18.531	VV	37214	529225	21.40%	0.580%
429	18.543	18.531	18.577	VV	9306	178597	7.22%	0.196%
430	18.593	18.577	18.616	VV	3997	70492	2.85%	0.077%
431	18.640	18.616	18.657	VV	10007	147956	5.98%	0.162%
432	18.674	18.657	18.733	VV	10546	205485	8.31%	0.225%
433	18.764	18.733	18.813	VV	35759	499043	20.18%	0.547%
434	18.848	18.813	18.863	VV	3704	81340	3.29%	0.089%
435	18.895	18.863	18.917	VV	5812	119545	4.83%	0.131%
436	18.949	18.917	18.973	VV	6043	116049	4.69%	0.127%
437	18.991	18.973	19.012	VV	2909	55754	2.25%	0.061%
438	19.021	19.012	19.036	VV	1826	23244	0.94%	0.025%
439	19.072	19.036	19.097	VV	3815	101574	4.11%	0.111%
440	19.117	19.097	19.134	VV	2971	61794	2.50%	0.068%
441	19.165	19.134	19.178	VV	3738	80870	3.27%	0.089%
442	19.197	19.178	19.212	VV	4949	85704	3.46%	0.094%
443	19.232	19.212	19.250	VV	4123	88513	3.58%	0.097%
444	19.281	19.250	19.287	VV	5462	103985	4.20%	0.114%
445	19.344	19.287	19.391	VV	8872	401628	16.24%	0.440%
446	19.441	19.391	19.462	VV	7557	263355	10.65%	0.289%
447	19.466	19.462	19.502	VV	6843	138455	5.60%	0.152%
448	19.550	19.502	19.578	VV	7606	287180	11.61%	0.315%
449	19.613	19.578	19.632	VV	7271	218003	8.81%	0.239%
450	19.652	19.632	19.668	VV	7611	158225	6.40%	0.174%
451	19.733	19.668	19.762	VV	11110	488497	19.75%	0.536%
452	19.783	19.762	19.790	VV	9285	146858	5.94%	0.161%
453	19.799	19.790	19.820	VV	9364	164332	6.64%	0.180%
454	19.850	19.820	19.875	VV	11508	322327	13.03%	0.354%
455	19.919	19.875	19.946	VV	19734	556197	22.49%	0.610%
456	19.985	19.946	20.017	VV	19083	619969	25.06%	0.680%

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457	20.034	20.017	20.054	VV	13641	289490	11.70%	0.317%
458	20.075	20.054	20.088	VV	13937	272149	11.00%	0.298%
459	20.109	20.088	20.146	VV	15713	492034	19.89%	0.540%
460	20.171	20.146	20.178	VV	13638	255041	10.31%	0.280%
461	20.203	20.178	20.228	VV	15757	442274	17.88%	0.485%
462	20.297	20.228	20.321	VV	24147	990499	40.04%	1.086%
463	20.363	20.321	20.387	VV	21365	756373	30.58%	0.830%
464	20.390	20.387	20.410	VV	18989	249371	10.08%	0.273%
465	20.440	20.410	20.451	VV	19708	466951	18.88%	0.512%
466	20.476	20.451	20.497	VV	22017	576261	23.30%	0.632%
467	20.574	20.497	20.578	VV	22673	1063216	42.98%	1.166%
468	20.640	20.578	20.670	VV	30457	1408448	56.94%	1.545%
469	20.724	20.670	20.735	VV	26154	1009684	40.82%	1.107%
470	20.743	20.735	20.752	VV	25861	257241	10.40%	0.282%
471	20.755	20.752	20.767	VV	25711	223756	9.05%	0.245%
472	20.781	20.767	20.806	VV	25773	598790	24.21%	0.657%
473	20.832	20.806	20.851	VV	26391	696197	28.15%	0.764%
474	20.864	20.851	20.873	VV	26051	336161	13.59%	0.369%
475	20.878	20.873	20.884	VV	25881	175230	7.08%	0.192%
476	20.993	20.884	21.042	VV	26810	2473528	100.00%	2.713%
477	21.049	21.042	21.081	VV	25449	600733	24.29%	0.659%
478	21.137	21.081	21.196	VV	25568	1710385	69.15%	1.876%
479	21.216	21.196	21.272	VV	24612	1066796	43.13%	1.170%
480	21.357	21.272	21.383	VV	23506	1543452	62.40%	1.693%
481	21.387	21.383	21.455	VV	22916	954025	38.57%	1.046%
482	21.461	21.455	21.485	VV	20664	374329	15.13%	0.411%
483	21.510	21.485	21.542	VV	20991	693605	28.04%	0.761%
484	21.547	21.542	21.552	VV	20513	129796	5.25%	0.142%
485	21.600	21.552	21.620	VV	20653	840511	33.98%	0.922%
486	21.634	21.620	21.638	VV	20350	217543	8.79%	0.239%
487	21.646	21.638	21.717	VV	20419	906330	36.64%	0.994%
488	21.723	21.717	21.729	VV	17747	125759	5.08%	0.138%
489	21.732	21.729	21.744	VV	17640	157630	6.37%	0.173%
490	21.794	21.744	21.853	VV	17694	1132879	45.80%	1.242%
491	21.863	21.853	21.872	VV	16568	188047	7.60%	0.206%
492	21.898	21.872	21.969	VV	16768	926974	37.48%	1.017%
493	21.992	21.969	22.053	VV	15221	718612	29.05%	0.788%
494	22.073	22.053	22.104	VV	13511	404096	16.34%	0.443%
495	22.137	22.104	22.186	VV	13022	617119	24.95%	0.677%
496	22.226	22.186	22.232	VV	11879	326636	13.21%	0.358%
497	22.240	22.232	22.255	VV	11788	162331	6.56%	0.178%
498	22.287	22.255	22.324	VV	11544	467450	18.90%	0.513%
499	22.339	22.324	22.349	VV	10977	164973	6.67%	0.181%
500	22.355	22.349	22.399	VV	10763	313365	12.67%	0.344%
501	22.419	22.399	22.424	VV	10232	156686	6.33%	0.172%
502	22.429	22.424	22.596	VV	10084	888467	35.92%	0.974%
					Sum of corrected areas:		91180196	

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