

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG009986.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 17:17
 Sample : N3454-03 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.608	1.598	1.643	BV	1202	21156	1.21%	0.016%
2	1.648	1.643	1.658	VV	593	5188	0.30%	0.004%
3	1.682	1.658	1.691	VV	1043	15844	0.91%	0.012%
4	1.697	1.691	1.710	VV	934	9856	0.56%	0.007%
5	1.731	1.710	1.756	VV	938	22076	1.26%	0.017%
6	1.782	1.756	1.798	VV	1074	21919	1.25%	0.016%
7	1.809	1.798	1.816	VV	949	9382	0.54%	0.007%
8	1.835	1.816	1.873	VV	4049	61994	3.55%	0.047%
9	1.897	1.873	1.957	VV	1222	47239	2.70%	0.035%
10	1.962	1.957	1.973	VV	861	7717	0.44%	0.006%
11	1.993	1.973	2.008	VV	964	18971	1.09%	0.014%
12	2.023	2.008	2.029	VV	964	12018	0.69%	0.009%
13	2.048	2.029	2.078	VV	1211	30807	1.76%	0.023%
14	2.086	2.078	2.092	VV	1034	8456	0.48%	0.006%
15	2.107	2.092	2.141	VV	1429	33676	1.93%	0.025%
16	2.164	2.141	2.204	VV	2201	53290	3.05%	0.040%
17	2.231	2.204	2.248	VV	1793	35358	2.02%	0.027%
18	2.264	2.248	2.290	VV	1367	31074	1.78%	0.023%
19	2.299	2.290	2.304	VV	1238	10120	0.58%	0.008%
20	2.324	2.304	2.355	VV	1495	38858	2.22%	0.029%
21	2.359	2.355	2.367	VV	1129	8145	0.47%	0.006%
22	2.392	2.367	2.404	VV	1610	31283	1.79%	0.023%
23	2.413	2.404	2.462	VV	1633	46909	2.68%	0.035%
24	2.466	2.462	2.472	VV	1262	7484	0.43%	0.006%
25	2.501	2.472	2.535	VV	2161	66594	3.81%	0.050%
26	2.550	2.535	2.562	VV	1533	24003	1.37%	0.018%
27	2.581	2.562	2.603	VV	1799	38298	2.19%	0.029%
28	2.621	2.603	2.626	VV	1612	21730	1.24%	0.016%
29	2.632	2.626	2.673	VV	1664	44674	2.56%	0.034%
30	2.697	2.673	2.706	VV	1840	33299	1.91%	0.025%
31	2.718	2.706	2.735	VV	1996	32237	1.84%	0.024%
32	2.748	2.735	2.754	VV	1825	19968	1.14%	0.015%
33	2.771	2.754	2.813	VV	2052	62912	3.60%	0.047%
34	2.816	2.813	2.825	VV	1659	12298	0.70%	0.009%
35	2.856	2.825	2.875	VV	2624	65302	3.74%	0.049%
36	2.883	2.875	2.910	VV	2172	42032	2.40%	0.032%

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37	2.920	2.910	2.927	VV	1908	18053	1.03%	0.014%
38	2.944	2.927	2.978	VV	2058	58073	3.32%	0.044%
39	3.002	2.978	3.023	VV	2030	52222	2.99%	0.039%
40	3.037	3.023	3.048	VV	2077	30279	1.73%	0.023%
41	3.084	3.048	3.117	VV	3239	103230	5.91%	0.078%
42	3.125	3.117	3.162	VV	2215	57952	3.32%	0.044%
43	3.171	3.162	3.176	VV	2024	15284	0.87%	0.011%
44	3.191	3.176	3.201	PV	2153	29342	1.68%	0.022%
45	3.219	3.201	3.235	VV	2701	48828	2.79%	0.037%
46	3.248	3.235	3.268	VV	2313	43322	2.48%	0.033%
47	3.295	3.268	3.307	VV	2265	50450	2.89%	0.038%
48	3.323	3.307	3.341	VV	2353	44392	2.54%	0.033%
49	3.360	3.341	3.371	VV	2107	35057	2.01%	0.026%
50	3.391	3.371	3.409	VV	3187	57377	3.28%	0.043%
51	3.415	3.409	3.435	VV	2190	32165	1.84%	0.024%
52	3.448	3.435	3.461	VV	2150	31586	1.81%	0.024%
53	3.476	3.461	3.492	VV	2187	38123	2.18%	0.029%
54	3.499	3.492	3.512	VV	1949	21883	1.25%	0.016%
55	3.531	3.512	3.549	VV	3011	56321	3.22%	0.042%
56	3.558	3.549	3.577	VV	2389	37138	2.12%	0.028%
57	3.612	3.577	3.641	VV	2737	81876	4.68%	0.061%
58	3.665	3.641	3.676	VV	2337	40821	2.34%	0.031%
59	3.687	3.676	3.696	VV	1943	22172	1.27%	0.017%
60	3.711	3.696	3.745	VV	2822	58285	3.33%	0.044%
61	3.776	3.745	3.791	VV	2280	53596	3.07%	0.040%
62	3.800	3.791	3.825	VV	2077	35159	2.01%	0.026%
63	3.852	3.825	3.862	VV	1676	34163	1.95%	0.026%
64	3.879	3.862	3.910	VV	2455	58269	3.33%	0.044%
65	3.917	3.910	3.926	VV	1666	15251	0.87%	0.011%
66	3.950	3.926	3.963	VV	1941	40727	2.33%	0.031%
67	3.971	3.963	4.005	VV	1918	40002	2.29%	0.030%
68	4.020	4.005	4.031	VV	1382	20178	1.15%	0.015%
69	4.053	4.031	4.063	VV	1834	30589	1.75%	0.023%
70	4.075	4.063	4.089	VV	1970	27431	1.57%	0.021%
71	4.107	4.089	4.127	VV	2439	43908	2.51%	0.033%
72	4.146	4.127	4.163	VV	1721	34615	1.98%	0.026%
73	4.174	4.163	4.191	VV	1422	20685	1.18%	0.016%
74	4.226	4.191	4.255	VV	1834	51331	2.94%	0.039%
75	4.275	4.255	4.302	VV	1833	42101	2.41%	0.032%
76	4.317	4.302	4.323	VV	1327	14810	0.85%	0.011%
77	4.343	4.323	4.361	PV	1452	29368	1.68%	0.022%
78	4.368	4.361	4.386	VV	1233	16658	0.95%	0.013%
79	4.406	4.386	4.448	VV	1379	40237	2.30%	0.030%
80	4.487	4.448	4.498	VV	1195	29061	1.66%	0.022%
81	4.517	4.498	4.529	VV	1554	24137	1.38%	0.018%
82	4.547	4.529	4.559	VV	1909	28641	1.64%	0.022%
83	4.566	4.559	4.579	VV	1440	16114	0.92%	0.012%
84	4.593	4.579	4.607	VV	1352	20168	1.15%	0.015%
85	4.628	4.607	4.663	VV	4578	81739	4.68%	0.061%
86	4.700	4.663	4.717	VV	2253	50891	2.91%	0.038%
87	4.739	4.717	4.750	VV	1313	23976	1.37%	0.018%
88	4.773	4.750	4.787	VV	2302	39820	2.28%	0.030%
89	4.806	4.787	4.825	VV	3067	48185	2.76%	0.036%

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90	4.844	4.825	4.888	VV	3089	57685	3.30%	0.043%
91	4.923	4.888	4.940	VV	1366	27247	1.56%	0.020%
92	4.958	4.940	4.983	VV	1427	22526	1.29%	0.017%
93	4.988	4.983	5.001	VV	645	6312	0.36%	0.005%
94	5.022	5.001	5.042	VV	1865	30875	1.77%	0.023%
95	5.045	5.042	5.074	VV	1281	16325	0.93%	0.012%
96	5.091	5.074	5.103	VV	1180	15206	0.87%	0.011%
97	5.120	5.103	5.153	VV	2505	48803	2.79%	0.037%
98	5.174	5.153	5.195	VV	1111	20543	1.18%	0.015%
99	5.227	5.195	5.238	VV	861	14559	0.83%	0.011%
100	5.258	5.238	5.271	VV	2487	31018	1.77%	0.023%
101	5.285	5.271	5.296	VV	2288	27340	1.56%	0.021%
102	5.322	5.296	5.342	VV	2333	50951	2.91%	0.038%
103	5.356	5.342	5.369	VV	2213	27956	1.60%	0.021%
104	5.382	5.369	5.408	VV	1870	33708	1.93%	0.025%
105	5.419	5.408	5.432	VV	1451	16827	0.96%	0.013%
106	5.444	5.432	5.460	VV	1651	17639	1.01%	0.013%
107	5.486	5.460	5.509	VV	5640	73166	4.19%	0.055%
108	5.521	5.509	5.527	VV	828	8036	0.46%	0.006%
109	5.539	5.527	5.550	VV	1040	12678	0.73%	0.010%
110	5.555	5.550	5.559	VV	999	4648	0.27%	0.003%
111	5.564	5.559	5.584	VV	1397	12353	0.71%	0.009%
112	5.611	5.584	5.625	VV	1486	24993	1.43%	0.019%
113	5.655	5.625	5.673	VV	6012	87207	4.99%	0.065%
114	5.686	5.673	5.722	VV	2865	67093	3.84%	0.050%
115	5.765	5.722	5.773	VV	3356	71957	4.12%	0.054%
116	5.790	5.773	5.830	VV	9944	141107	8.07%	0.106%
117	5.849	5.830	5.877	VV	3212	56153	3.21%	0.042%
118	5.892	5.877	5.902	VV	2461	31030	1.78%	0.023%
119	5.914	5.902	5.941	VV	2724	37367	2.14%	0.028%
120	5.965	5.941	5.993	PV	3032	51972	2.97%	0.039%
121	6.016	5.993	6.030	VV	3344	52937	3.03%	0.040%
122	6.042	6.030	6.056	VV	3359	41041	2.35%	0.031%
123	6.071	6.056	6.123	VV	3127	89674	5.13%	0.067%
124	6.145	6.123	6.165	VV	3318	48460	2.77%	0.036%
125	6.198	6.165	6.219	VV	6096	118716	6.79%	0.089%
126	6.234	6.219	6.258	VV	5562	85379	4.88%	0.064%
127	6.277	6.258	6.293	VV	7753	92047	5.27%	0.069%
128	6.320	6.293	6.334	VV	5202	108841	6.23%	0.082%
129	6.338	6.334	6.347	VV	4305	32451	1.86%	0.024%
130	6.358	6.347	6.371	VV	4720	54753	3.13%	0.041%
131	6.398	6.371	6.413	VV	5566	118667	6.79%	0.089%
132	6.429	6.413	6.452	VV	5979	116863	6.69%	0.088%
133	6.463	6.452	6.476	VV	4427	59744	3.42%	0.045%
134	6.483	6.476	6.512	VV	3620	56192	3.21%	0.042%
135	6.541	6.512	6.564	VV	3730	89669	5.13%	0.067%
136	6.582	6.564	6.597	VV	5208	75845	4.34%	0.057%
137	6.617	6.597	6.622	VV	4433	60652	3.47%	0.046%
138	6.632	6.622	6.647	VV	4797	63321	3.62%	0.048%
139	6.675	6.647	6.691	VV	21330	285252	16.32%	0.214%
140	6.701	6.691	6.730	VV	8707	150130	8.59%	0.113%
141	6.747	6.730	6.758	VV	6322	82037	4.69%	0.062%

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142	6.769	6.758	6.782	VV	5760	70235	4.02%	0.053%
143	6.794	6.782	6.821	VV	5997	122251	6.99%	0.092%
144	6.841	6.821	6.861	VV	11863	177717	10.17%	0.133%
145	6.881	6.861	6.893	VV	6261	103722	5.93%	0.078%
146	6.912	6.893	6.928	VV	10168	145668	8.33%	0.109%
147	6.938	6.928	6.956	VV	4815	66534	3.81%	0.050%
148	6.971	6.956	6.985	VV	5462	77741	4.45%	0.058%
149	7.006	6.985	7.022	VV	7773	134154	7.68%	0.101%
150	7.042	7.022	7.064	VV	10472	193210	11.05%	0.145%
151	7.079	7.064	7.116	VV	11408	223319	12.78%	0.168%
152	7.140	7.116	7.158	VV	12934	204371	11.69%	0.153%
153	7.167	7.158	7.183	VV	7172	87041	4.98%	0.065%
154	7.195	7.183	7.210	VV	4996	66185	3.79%	0.050%
155	7.244	7.210	7.267	VV	30883	454348	25.99%	0.341%
156	7.296	7.267	7.317	VV	13161	230916	13.21%	0.173%
157	7.339	7.317	7.370	VV	11389	228260	13.06%	0.171%
158	7.387	7.370	7.406	VV	7467	136293	7.80%	0.102%
159	7.428	7.406	7.438	VV	7826	132602	7.59%	0.100%
160	7.449	7.438	7.486	VV	8254	177984	10.18%	0.134%
161	7.513	7.486	7.568	VV	11093	342539	19.60%	0.257%
162	7.591	7.568	7.614	VV	7583	175778	10.06%	0.132%
163	7.643	7.614	7.669	VV	17882	343120	19.63%	0.258%
164	7.685	7.669	7.710	VV	9709	148070	8.47%	0.111%
165	7.741	7.710	7.765	VV	8682	197432	11.30%	0.148%
166	7.803	7.765	7.820	VV	13417	280558	16.05%	0.211%
167	7.835	7.820	7.876	VV	9277	234880	13.44%	0.176%
168	7.892	7.876	7.916	VV	8201	156351	8.95%	0.117%
169	7.933	7.916	7.950	VV	8047	129564	7.41%	0.097%
170	7.964	7.950	7.977	VV	6702	99823	5.71%	0.075%
171	7.985	7.977	7.997	VV	6431	73255	4.19%	0.055%
172	8.045	7.997	8.060	VV	10509	313500	17.94%	0.235%
173	8.069	8.060	8.080	VV	8363	96876	5.54%	0.073%
174	8.091	8.080	8.120	VV	8868	173885	9.95%	0.131%
175	8.136	8.120	8.148	VV	8674	123797	7.08%	0.093%
176	8.170	8.148	8.193	VV	34420	477002	27.29%	0.358%
177	8.211	8.193	8.235	VV	10468	198992	11.38%	0.149%
178	8.255	8.235	8.274	VV	15202	236581	13.54%	0.178%
179	8.312	8.274	8.331	VV	9368	293932	16.82%	0.221%
180	8.342	8.331	8.358	VV	8132	120239	6.88%	0.090%
181	8.375	8.358	8.382	VV	9018	114309	6.54%	0.086%
182	8.404	8.382	8.424	VV	15116	297788	17.04%	0.224%
183	8.430	8.424	8.457	VV	11226	180537	10.33%	0.136%
184	8.470	8.457	8.474	VV	6720	65389	3.74%	0.049%
185	8.494	8.474	8.512	VV	14831	232700	13.31%	0.175%
186	8.529	8.512	8.542	VV	11133	156766	8.97%	0.118%
187	8.555	8.542	8.571	VV	9801	151276	8.65%	0.114%
188	8.590	8.571	8.608	VV	8974	181621	10.39%	0.136%
189	8.623	8.608	8.656	VV	8823	220739	12.63%	0.166%
190	8.676	8.656	8.687	VV	7624	131115	7.50%	0.098%
191	8.705	8.687	8.743	VV	15495	380510	21.77%	0.286%
192	8.754	8.743	8.774	VV	8359	140468	8.04%	0.105%
193	8.793	8.774	8.835	VV	13286	360661	20.63%	0.271%
194	8.855	8.835	8.872	VV	13730	237294	13.58%	0.178%

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195	8.892	8.872	8.917	VV	31248	478054	27.35%	0.359%
196	8.928	8.917	8.944	VV	8182	123604	7.07%	0.093%
197	8.961	8.944	8.971	VV	11961	158198	9.05%	0.119%
198	8.983	8.971	8.998	VV	12501	175842	10.06%	0.132%
199	9.016	8.998	9.026	VV	11580	174011	9.96%	0.131%
200	9.036	9.026	9.048	VV	11703	144884	8.29%	0.109%
201	9.057	9.048	9.072	VV	11096	150105	8.59%	0.113%
202	9.085	9.072	9.095	VV	11035	139691	7.99%	0.105%
203	9.111	9.095	9.135	VV	13174	282985	16.19%	0.213%
204	9.151	9.135	9.167	VV	16254	245041	14.02%	0.184%
205	9.193	9.167	9.240	VV	17905	495475	28.35%	0.372%
206	9.259	9.240	9.280	VV	10892	209762	12.00%	0.158%
207	9.308	9.280	9.325	VV	17502	307918	17.62%	0.231%
208	9.338	9.325	9.355	VV	12514	168509	9.64%	0.127%
209	9.373	9.355	9.388	VV	10032	168636	9.65%	0.127%
210	9.419	9.388	9.428	VV	11015	229143	13.11%	0.172%
211	9.444	9.428	9.465	VV	18157	309580	17.71%	0.232%
212	9.475	9.465	9.490	VV	11303	165173	9.45%	0.124%
213	9.503	9.490	9.511	VV	10799	133423	7.63%	0.100%
214	9.548	9.511	9.578	VV	26866	597689	34.19%	0.449%
215	9.605	9.578	9.618	VV	17104	307845	17.61%	0.231%
216	9.632	9.618	9.654	VV	17175	293742	16.81%	0.221%
217	9.674	9.654	9.684	VV	11231	193475	11.07%	0.145%
218	9.688	9.684	9.691	VV	11211	46121	2.64%	0.035%
219	9.715	9.691	9.750	VV	17790	487240	27.88%	0.366%
220	9.773	9.750	9.793	VV	11002	256049	14.65%	0.192%
221	9.797	9.793	9.822	VV	9736	164642	9.42%	0.124%
222	9.868	9.822	9.891	VV	13244	461917	26.43%	0.347%
223	9.911	9.891	9.950	VV	19672	549021	31.41%	0.412%
224	9.957	9.950	9.978	VV	15035	233050	13.33%	0.175%
225	9.984	9.978	9.995	VV	13132	130111	7.44%	0.098%
226	10.011	9.995	10.025	VV	14296	233723	13.37%	0.176%
227	10.049	10.025	10.084	VV	14756	463647	26.53%	0.348%
228	10.121	10.084	10.150	VV	15346	502258	28.74%	0.377%
229	10.187	10.150	10.212	VV	14421	477816	27.34%	0.359%
230	10.237	10.212	10.251	VV	14457	318562	18.23%	0.239%
231	10.273	10.251	10.296	VV	16792	399186	22.84%	0.300%
232	10.348	10.296	10.373	VV	45978	1111671	63.60%	0.835%
233	10.385	10.373	10.391	VV	18559	198755	11.37%	0.149%
234	10.407	10.391	10.437	VV	20975	530831	30.37%	0.399%
235	10.448	10.437	10.473	VV	18796	377919	21.62%	0.284%
236	10.489	10.473	10.511	VV	20193	402422	23.02%	0.302%
237	10.531	10.511	10.565	VV	19108	563292	32.23%	0.423%
238	10.588	10.565	10.606	VV	19156	426531	24.40%	0.320%
239	10.625	10.606	10.644	VV	21001	438118	25.07%	0.329%
240	10.669	10.644	10.685	VV	21009	473338	27.08%	0.355%
241	10.697	10.685	10.713	VV	24103	373934	21.39%	0.281%
242	10.725	10.713	10.738	VV	21563	316085	18.08%	0.237%
243	10.773	10.738	10.800	VV	72957	1492564	85.39%	1.121%
244	10.814	10.800	10.850	VV	24137	653444	37.38%	0.491%
245	10.854	10.850	10.858	VV	17620	90170	5.16%	0.068%
246	10.891	10.858	10.909	VV	23560	640344	36.64%	0.481%

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247	10.921	10.909	10.940	VV	22518	394143	22.55%	0.296%
248	10.964	10.940	10.986	VV	23751	608806	34.83%	0.457%
249	11.002	10.986	11.007	VV	21115	261664	14.97%	0.196%
250	11.027	11.007	11.054	VV	24297	627814	35.92%	0.471%
251	11.071	11.054	11.076	VV	22450	279978	16.02%	0.210%
252	11.095	11.076	11.130	VV	28676	785658	44.95%	0.590%
253	11.179	11.130	11.200	VV	24583	950322	54.37%	0.714%
254	11.203	11.200	11.211	VV	23503	162103	9.27%	0.122%
255	11.231	11.211	11.265	VV	26110	805340	46.08%	0.605%
256	11.280	11.265	11.303	VV	25528	562803	32.20%	0.423%
257	11.322	11.303	11.337	VV	27171	509844	29.17%	0.383%
258	11.356	11.337	11.384	VV	27037	730798	41.81%	0.549%
259	11.406	11.384	11.416	VV	27232	491297	28.11%	0.369%
260	11.421	11.416	11.437	VV	26301	325440	18.62%	0.244%
261	11.451	11.437	11.469	VV	28597	500725	28.65%	0.376%
262	11.497	11.469	11.547	VV	62739	1747887	100.00%	1.313%
263	11.562	11.547	11.576	VV	25979	443515	25.37%	0.333%
264	11.598	11.576	11.642	VV	27346	1007960	57.67%	0.757%
265	11.679	11.642	11.708	VV	29889	1092240	62.49%	0.820%
266	11.717	11.708	11.742	VV	27167	512432	29.32%	0.385%
267	11.765	11.742	11.815	VV	27921	1128720	64.58%	0.848%
268	11.843	11.815	11.860	VV	29344	723810	41.41%	0.544%
269	11.883	11.860	11.896	VV	30786	639584	36.59%	0.480%
270	11.914	11.896	11.941	VV	30314	784162	44.86%	0.589%
271	11.955	11.941	11.968	VV	28819	461973	26.43%	0.347%
272	11.973	11.968	11.977	VV	27678	140095	8.02%	0.105%
273	12.002	11.977	12.023	VV	30535	794905	45.48%	0.597%
274	12.055	12.023	12.088	VV	42424	1299344	74.34%	0.976%
275	12.095	12.088	12.118	VV	28489	493305	28.22%	0.370%
276	12.135	12.118	12.154	VV	27502	574673	32.88%	0.432%
277	12.191	12.154	12.218	VV	31406	1102779	63.09%	0.828%
278	12.230	12.218	12.248	VV	27943	491238	28.10%	0.369%
279	12.273	12.248	12.299	VV	33633	893194	51.10%	0.671%
280	12.313	12.299	12.328	VV	28484	476740	27.28%	0.358%
281	12.338	12.328	12.355	VV	28336	456426	26.11%	0.343%
282	12.376	12.355	12.398	VV	28435	698205	39.95%	0.524%
283	12.416	12.398	12.443	VV	29674	768940	43.99%	0.577%
284	12.461	12.443	12.467	VV	27940	392799	22.47%	0.295%
285	12.477	12.467	12.496	VV	28884	482947	27.63%	0.363%
286	12.502	12.496	12.515	VV	27208	298211	17.06%	0.224%
287	12.552	12.515	12.583	VV	29027	1126946	64.47%	0.846%
288	12.598	12.583	12.612	VV	29169	492563	28.18%	0.370%
289	12.635	12.612	12.660	VV	37661	952548	54.50%	0.715%
290	12.664	12.660	12.689	VV	30789	511716	29.28%	0.384%
291	12.717	12.689	12.737	VV	32530	845746	48.39%	0.635%
292	12.746	12.737	12.756	VV	28083	328974	18.82%	0.247%
293	12.768	12.756	12.786	VV	27305	472980	27.06%	0.355%
294	12.806	12.786	12.828	VV	28392	674808	38.61%	0.507%
295	12.856	12.828	12.867	VV	28355	632554	36.19%	0.475%
296	12.875	12.867	12.900	VV	27763	520198	29.76%	0.391%
297	12.914	12.900	12.927	VV	25494	407742	23.33%	0.306%
298	12.943	12.927	12.964	VV	26015	557443	31.89%	0.419%
299	12.972	12.964	12.976	VV	25425	181852	10.40%	0.137%

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300	12.997	12.976	13.023	VV	27106	718373	41.10%	0.539%
301	13.043	13.023	13.062	VV	31295	646504	36.99%	0.485%
302	13.069	13.062	13.111	VV	26678	744246	42.58%	0.559%
303	13.142	13.111	13.154	VV	28076	672107	38.45%	0.505%
304	13.159	13.154	13.176	VV	26912	354838	20.30%	0.266%
305	13.216	13.176	13.252	VV	34893	1360241	77.82%	1.021%
306	13.260	13.252	13.274	VV	27870	356179	20.38%	0.267%
307	13.282	13.274	13.305	VV	26016	459771	26.30%	0.345%
308	13.327	13.305	13.362	VV	28621	914823	52.34%	0.687%
309	13.381	13.362	13.411	VV	29187	776005	44.40%	0.583%
310	13.439	13.411	13.455	VV	26272	642692	36.77%	0.483%
311	13.473	13.455	13.505	VV	29369	800704	45.81%	0.601%
312	13.557	13.505	13.588	VV	30404	1311335	75.02%	0.985%
313	13.599	13.588	13.614	VV	27405	419957	24.03%	0.315%
314	13.639	13.614	13.671	VV	28941	912890	52.23%	0.686%
315	13.686	13.671	13.696	VV	24772	361806	20.70%	0.272%
316	13.714	13.696	13.723	VV	24414	387690	22.18%	0.291%
317	13.776	13.723	13.793	VV	28204	1110189	63.52%	0.834%
318	13.816	13.793	13.821	VV	29533	466969	26.72%	0.351%
319	13.828	13.821	13.868	VV	29451	733549	41.97%	0.551%
320	13.907	13.868	13.934	VV	29723	1036415	59.30%	0.778%
321	13.946	13.934	13.966	VV	25802	470049	26.89%	0.353%
322	13.980	13.966	13.984	VV	23280	249670	14.28%	0.187%
323	14.008	13.984	14.025	VV	24476	573628	32.82%	0.431%
324	14.049	14.025	14.083	VV	25621	848943	48.57%	0.638%
325	14.095	14.083	14.120	VV	24576	539905	30.89%	0.405%
326	14.153	14.120	14.178	VV	28259	889548	50.89%	0.668%
327	14.183	14.178	14.200	VV	25408	333277	19.07%	0.250%
328	14.218	14.200	14.234	VV	25437	508311	29.08%	0.382%
329	14.256	14.234	14.274	VV	25279	576073	32.96%	0.433%
330	14.303	14.274	14.320	VV	26070	666485	38.13%	0.500%
331	14.328	14.320	14.333	VV	24588	186038	10.64%	0.140%
332	14.355	14.333	14.391	VV	24922	846327	48.42%	0.636%
333	14.403	14.391	14.440	VV	24167	666825	38.15%	0.501%
334	14.478	14.440	14.497	VV	24406	781945	44.74%	0.587%
335	14.503	14.497	14.511	VV	21832	182057	10.42%	0.137%
336	14.516	14.511	14.521	VV	21507	122201	6.99%	0.092%
337	14.546	14.521	14.563	VV	24566	582669	33.34%	0.438%
338	14.572	14.563	14.593	VV	24842	426809	24.42%	0.321%
339	14.612	14.593	14.634	VV	27214	605475	34.64%	0.455%
340	14.640	14.634	14.655	VV	22659	277244	15.86%	0.208%
341	14.657	14.655	14.692	VV	21910	464532	26.58%	0.349%
342	14.715	14.692	14.751	VV	24032	796431	45.57%	0.598%
343	14.756	14.751	14.765	VV	22250	177545	10.16%	0.133%
344	14.771	14.765	14.803	VV	22416	485589	27.78%	0.365%
345	14.815	14.803	14.834	VV	22160	388762	22.24%	0.292%
346	14.846	14.834	14.861	VV	20896	330676	18.92%	0.248%
347	14.870	14.861	14.884	VV	20993	278803	15.95%	0.209%
348	14.896	14.884	14.904	VV	21110	255842	14.64%	0.192%
349	14.923	14.904	14.944	VV	23610	530225	30.34%	0.398%
350	14.960	14.944	14.981	VV	23535	459300	26.28%	0.345%
351	15.015	14.981	15.036	VV	21362	649593	37.16%	0.488%

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352	15.042	15.036	15.052	VV	19878	186134	10.65%	0.140%
353	15.073	15.052	15.111	VV	21126	702632	40.20%	0.528%
354	15.129	15.111	15.140	VV	21500	368076	21.06%	0.276%
355	15.165	15.140	15.198	VV	22177	694386	39.73%	0.521%
356	15.205	15.198	15.212	VV	18232	143642	8.22%	0.108%
357	15.227	15.212	15.246	VV	19952	399691	22.87%	0.300%
358	15.253	15.246	15.261	VV	19327	168672	9.65%	0.127%
359	15.283	15.261	15.303	VV	19648	473420	27.09%	0.356%
360	15.311	15.303	15.333	VV	18854	327328	18.73%	0.246%
361	15.336	15.333	15.343	VV	18081	112578	6.44%	0.085%
362	15.366	15.343	15.380	VV	18132	393542	22.52%	0.296%
363	15.390	15.380	15.403	VV	18255	235905	13.50%	0.177%
364	15.422	15.403	15.428	VV	17795	257624	14.74%	0.193%
365	15.447	15.428	15.467	VV	19187	421257	24.10%	0.316%
366	15.477	15.467	15.488	VV	17411	213677	12.22%	0.160%
367	15.511	15.488	15.517	VV	17409	300319	17.18%	0.226%
368	15.555	15.517	15.560	VV	18863	444479	25.43%	0.334%
369	15.570	15.560	15.575	VV	19853	175595	10.05%	0.132%
370	15.597	15.575	15.618	VV	25996	565831	32.37%	0.425%
371	15.631	15.618	15.652	VV	20501	386478	22.11%	0.290%
372	15.656	15.652	15.670	VV	16779	172891	9.89%	0.130%
373	15.695	15.670	15.711	VV	15929	385497	22.06%	0.289%
374	15.726	15.711	15.731	VV	16549	186301	10.66%	0.140%
375	15.759	15.731	15.781	VV	18577	530334	30.34%	0.398%
376	15.785	15.781	15.796	VV	16981	144881	8.29%	0.109%
377	15.801	15.796	15.821	VV	16223	241298	13.81%	0.181%
378	15.839	15.821	15.844	VV	17275	229042	13.10%	0.172%
379	15.864	15.844	15.909	VV	19303	649741	37.17%	0.488%
380	15.925	15.909	15.943	VV	16424	321159	18.37%	0.241%
381	15.947	15.943	15.969	VV	15335	234176	13.40%	0.176%
382	15.975	15.969	15.983	VV	15225	122460	7.01%	0.092%
383	15.993	15.983	16.011	VV	15827	252304	14.43%	0.189%
384	16.021	16.011	16.030	VV	15918	173916	9.95%	0.131%
385	16.047	16.030	16.062	VV	16624	304478	17.42%	0.229%
386	16.083	16.062	16.125	VV	16534	572324	32.74%	0.430%
387	16.132	16.125	16.143	VV	13559	145530	8.33%	0.109%
388	16.148	16.143	16.151	VV	13616	69364	3.97%	0.052%
389	16.161	16.151	16.169	VV	13747	147394	8.43%	0.111%
390	16.197	16.169	16.205	VV	17166	328022	18.77%	0.246%
391	16.215	16.205	16.220	VV	16839	145543	8.33%	0.109%
392	16.225	16.220	16.252	VV	16731	305617	17.48%	0.230%
393	16.283	16.252	16.295	VV	16211	388526	22.23%	0.292%
394	16.302	16.295	16.327	VV	16185	294056	16.82%	0.221%
395	16.363	16.327	16.378	VV	17915	485141	27.76%	0.364%
396	16.402	16.378	16.424	VV	17623	446040	25.52%	0.335%
397	16.431	16.424	16.449	VV	14066	206417	11.81%	0.155%
398	16.474	16.449	16.508	VV	18035	537532	30.75%	0.404%
399	16.514	16.508	16.549	VV	13989	320620	18.34%	0.241%
400	16.559	16.549	16.578	VV	13609	230661	13.20%	0.173%
401	16.592	16.578	16.601	VV	13259	169724	9.71%	0.127%
402	16.608	16.601	16.646	VV	13571	358780	20.53%	0.269%
403	16.655	16.646	16.659	VV	13010	98598	5.64%	0.074%
404	16.721	16.659	16.732	VV	13956	579072	33.13%	0.435%

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405	16.738	16.732	16.743	VV	13804	91153	5.22%	0.068%
406	16.768	16.743	16.773	VV	14998	252931	14.47%	0.190%
407	16.797	16.773	16.830	VV	20867	536490	30.69%	0.403%
408	16.852	16.830	16.898	VV	17736	556227	31.82%	0.418%
409	16.906	16.898	16.915	VV	11776	117116	6.70%	0.088%
410	16.927	16.915	16.933	VV	11729	125609	7.19%	0.094%
411	16.946	16.933	16.961	VV	12172	194993	11.16%	0.146%
412	17.003	16.961	17.027	VV	14991	508050	29.07%	0.382%
413	17.039	17.027	17.051	VV	12719	174597	9.99%	0.131%
414	17.054	17.051	17.059	VV	11647	53142	3.04%	0.040%
415	17.067	17.059	17.071	VV	12700	85285	4.88%	0.064%
416	17.080	17.071	17.087	VV	12595	117289	6.71%	0.088%
417	17.095	17.087	17.117	VV	12379	215592	12.33%	0.162%
418	17.121	17.117	17.127	VV	12112	71733	4.10%	0.054%
419	17.137	17.127	17.148	VV	12060	150706	8.62%	0.113%
420	17.163	17.148	17.176	VV	12011	195911	11.21%	0.147%
421	17.183	17.176	17.188	VV	11933	82992	4.75%	0.062%
422	17.217	17.188	17.257	VV	16031	541853	31.00%	0.407%
423	17.267	17.257	17.271	VV	10695	88393	5.06%	0.066%
424	17.276	17.271	17.281	VV	10903	65147	3.73%	0.049%
425	17.291	17.281	17.299	VV	11790	117708	6.73%	0.088%
426	17.303	17.299	17.310	VV	10619	74075	4.24%	0.056%
427	17.319	17.310	17.328	VV	11011	112642	6.44%	0.085%
428	17.361	17.328	17.373	VV	16250	352735	20.18%	0.265%
429	17.383	17.373	17.408	VV	16141	271064	15.51%	0.204%
430	17.413	17.408	17.428	VV	9542	106656	6.10%	0.080%
431	17.445	17.428	17.483	VV	12026	341995	19.57%	0.257%
432	17.499	17.483	17.508	VV	9788	139986	8.01%	0.105%
433	17.522	17.508	17.538	VV	9701	171596	9.82%	0.129%
434	17.565	17.538	17.580	VV	10365	241333	13.81%	0.181%
435	17.586	17.580	17.598	VV	9762	102569	5.87%	0.077%
436	17.607	17.598	17.637	VV	9255	197108	11.28%	0.148%
437	17.649	17.637	17.655	VV	7959	84767	4.85%	0.064%
438	17.663	17.655	17.687	VV	7976	143670	8.22%	0.108%
439	17.702	17.687	17.734	VV	8236	209154	11.97%	0.157%
440	17.775	17.734	17.783	VV	8370	225690	12.91%	0.169%
441	17.823	17.783	17.828	VV	9918	241100	13.79%	0.181%
442	17.832	17.828	17.855	VV	9963	147203	8.42%	0.111%
443	17.860	17.855	17.875	VV	8828	104264	5.97%	0.078%
444	17.890	17.875	17.895	VV	9083	98883	5.66%	0.074%
445	17.903	17.895	17.941	VV	9355	212192	12.14%	0.159%
446	17.947	17.941	17.958	VV	6679	61176	3.50%	0.046%
447	18.004	17.958	18.015	VV	9584	253499	14.50%	0.190%
448	18.025	18.015	18.047	VV	8668	150422	8.61%	0.113%
449	18.051	18.047	18.092	VV	6389	153518	8.78%	0.115%
450	18.107	18.092	18.116	VV	5562	76185	4.36%	0.057%
451	18.122	18.116	18.126	VV	5047	27842	1.59%	0.021%
452	18.136	18.126	18.154	VV	6055	90859	5.20%	0.068%
453	18.174	18.154	18.193	VV	5192	113154	6.47%	0.085%
454	18.220	18.193	18.246	VV	7970	185665	10.62%	0.139%
455	18.267	18.246	18.296	VV	7444	179441	10.27%	0.135%
456	18.307	18.296	18.313	VV	5148	48118	2.75%	0.036%

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457	18.318	18.313	18.334	VV	5164	57507	3.29%	0.043%
458	18.338	18.334	18.341	VV	4108	17779	1.02%	0.013%
459	18.365	18.341	18.379	VV	9118	164196	9.39%	0.123%
460	18.391	18.379	18.439	VV	8278	187081	10.70%	0.140%
461	18.474	18.439	18.499	VV	12359	220731	12.63%	0.166%
462	18.510	18.499	18.550	VV	3495	86735	4.96%	0.065%
463	18.597	18.550	18.645	VV	4383	165836	9.49%	0.125%
464	18.648	18.645	18.652	VV	1998	7824	0.45%	0.006%
465	18.662	18.652	18.680	VV	2228	33365	1.91%	0.025%
466	18.686	18.680	18.700	VV	2211	26000	1.49%	0.020%
467	18.722	18.700	18.760	VV	3695	82042	4.69%	0.062%
468	18.791	18.760	18.816	VV	5070	113589	6.50%	0.085%
469	18.838	18.816	18.870	VV	3484	82871	4.74%	0.062%
470	18.916	18.870	18.931	VV	5070	114794	6.57%	0.086%
471	18.943	18.931	18.965	VV	2849	52446	3.00%	0.039%
472	18.989	18.965	19.030	VV	7780	145135	8.30%	0.109%
473	19.047	19.030	19.051	VV	2185	20189	1.16%	0.015%
474	19.057	19.051	19.065	VV	2308	17643	1.01%	0.013%
475	19.069	19.065	19.079	VV	1976	14248	0.82%	0.011%
476	19.082	19.079	19.098	VV	1537	14906	0.85%	0.011%
477	19.130	19.098	19.141	VV	3344	62258	3.56%	0.047%
478	19.160	19.141	19.182	VV	3111	55034	3.15%	0.041%
479	19.186	19.182	19.240	VV	1948	32229	1.84%	0.024%
480	19.293	19.240	19.315	PV	1571	37458	2.14%	0.028%
481	19.332	19.315	19.349	VV	1732	22540	1.29%	0.017%
482	19.366	19.349	19.376	VV	1338	14652	0.84%	0.011%
483	19.383	19.376	19.390	VV	633	4388	0.25%	0.003%
484	19.400	19.390	19.405	VV	1230	7699	0.44%	0.006%
485	19.433	19.405	19.442	VV	1875	30581	1.75%	0.023%
486	19.462	19.442	19.483	VV	2004	41616	2.38%	0.031%
487	19.507	19.483	19.525	VV	3466	62216	3.56%	0.047%
488	19.532	19.525	19.550	VV	2023	26549	1.52%	0.020%
489	19.566	19.550	19.592	VV	1484	30533	1.75%	0.023%
490	19.598	19.592	19.605	VV	1334	8808	0.50%	0.007%
491	19.638	19.605	19.670	VV	2836	70590	4.04%	0.053%
492	19.698	19.670	19.718	VV	3007	53612	3.07%	0.040%
493	19.723	19.718	19.728	VV	1015	5381	0.31%	0.004%
494	19.750	19.728	19.760	VV	1398	23502	1.34%	0.018%
495	19.765	19.760	19.772	VV	1369	8742	0.50%	0.007%
496	19.781	19.772	19.785	VV	1504	10487	0.60%	0.008%
497	19.794	19.785	19.799	VV	1576	12176	0.70%	0.009%
498	19.816	19.799	19.832	VV	1802	32166	1.84%	0.024%
499	19.848	19.832	19.859	VV	1593	23564	1.35%	0.018%
500	19.919	19.859	19.944	VV	4228	139837	8.00%	0.105%
501	19.949	19.944	19.963	VV	2503	24279	1.39%	0.018%
502	20.011	19.963	20.048	VV	9461	236519	13.53%	0.178%
503	20.075	20.048	20.088	VV	3287	66942	3.83%	0.050%
504	20.101	20.088	20.115	VV	3572	53623	3.07%	0.040%
505	20.123	20.115	20.128	VV	3268	25029	1.43%	0.019%
506	20.134	20.128	20.142	VV	3448	29431	1.68%	0.022%
507	20.164	20.142	20.188	VV	3672	90202	5.16%	0.068%
508	20.205	20.188	20.217	VV	4053	65333	3.74%	0.049%
509	20.247	20.217	20.263	VV	4781	117598	6.73%	0.088%

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510	20.292	20.263	20.313	VV	4646	127269	7.28%	0.096%
511	20.361	20.313	20.384	VV	5743	206203	11.80%	0.155%
512	20.440	20.384	20.446	VV	6727	207136	11.85%	0.156%
513	20.494	20.446	20.518	VV	8465	314672	18.00%	0.236%
514	20.526	20.518	20.543	VV	7236	102848	5.88%	0.077%
515	20.555	20.543	20.568	VV	6813	97840	5.60%	0.073%
516	20.604	20.568	20.610	VV	7789	181313	10.37%	0.136%
517	20.709	20.610	20.721	VV	9062	558684	31.96%	0.420%
518	20.791	20.721	20.810	VV	9777	490768	28.08%	0.369%
519	20.833	20.810	20.853	VV	10253	255994	14.65%	0.192%
520	20.858	20.853	20.870	VV	9623	94893	5.43%	0.071%
521	20.877	20.870	20.898	VV	9308	156118	8.93%	0.117%
522	20.906	20.898	20.951	VV	9225	267501	15.30%	0.201%
523	20.967	20.951	20.995	VV	8046	197741	11.31%	0.148%
524	21.003	20.995	21.011	VV	6972	68793	3.94%	0.052%
525	21.021	21.011	21.069	VV	7055	236085	13.51%	0.177%
526	21.087	21.069	21.125	VV	7055	213499	12.21%	0.160%
527	21.131	21.125	21.151	VV	5974	91317	5.22%	0.069%
528	21.157	21.151	21.171	VV	5659	67909	3.89%	0.051%
529	21.192	21.171	21.220	VV	5732	156920	8.98%	0.118%
530	21.229	21.220	21.238	VV	5043	54758	3.13%	0.041%
531	21.250	21.238	21.255	VV	4962	50058	2.86%	0.038%
532	21.258	21.255	21.293	VV	4844	101397	5.80%	0.076%
533	21.331	21.293	21.358	VV	5681	193637	11.08%	0.145%
534	21.370	21.358	21.375	VV	4791	46986	2.69%	0.035%
535	21.379	21.375	21.422	VV	4727	125894	7.20%	0.095%
536	21.426	21.422	21.430	VV	4070	20080	1.15%	0.015%
537	21.442	21.430	21.449	VV	4204	45568	2.61%	0.034%
538	21.451	21.449	21.458	VV	4018	22595	1.29%	0.017%
539	21.478	21.458	21.485	VV	3935	60374	3.45%	0.045%
540	21.489	21.485	21.581	VV	3868	175095	10.02%	0.131%
541	21.607	21.581	21.635	VV	3336	91958	5.26%	0.069%
542	21.642	21.635	21.658	VV	2554	32407	1.85%	0.024%
543	21.686	21.658	21.728	VV	3307	106371	6.09%	0.080%
544	21.734	21.728	21.750	VV	1988	23935	1.37%	0.018%
545	21.760	21.750	21.769	VV	1766	18476	1.06%	0.014%
546	21.778	21.769	21.803	VV	1709	29400	1.68%	0.022%
547	21.823	21.803	21.858	VV	1180	29737	1.70%	0.022%
548	21.865	21.858	21.871	VV	581	4075	0.23%	0.003%
549	21.876	21.871	21.920	VV	569	6990	0.40%	0.005%
550	21.926	21.920	21.946	VV	213	1860	0.11%	0.001%

Sum of corrected areas: 133164378

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