

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041222\
 Data File : FG009593.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2022 08:34
 Sample : N2367-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.006	1.998	2.014	BV	895	6443	0.03%	0.009%
2	2.029	2.014	2.051	VV	1653	23938	0.11%	0.032%
3	2.059	2.051	2.072	VV	764	8932	0.04%	0.012%
4	2.080	2.072	2.101	VV	770	13018	0.06%	0.017%
5	2.120	2.101	2.140	VV	777	16598	0.08%	0.022%
6	2.148	2.140	2.155	VV	695	5589	0.03%	0.007%
7	2.162	2.155	2.173	VV	678	6745	0.03%	0.009%
8	2.186	2.173	2.192	VV	658	7290	0.03%	0.010%
9	2.198	2.192	2.203	VV	642	4041	0.02%	0.005%
10	2.208	2.203	2.215	VV	624	4573	0.02%	0.006%
11	2.230	2.215	2.248	VV	754	12855	0.06%	0.017%
12	2.252	2.248	2.263	VV	650	5499	0.03%	0.007%
13	2.270	2.263	2.284	VV	620	7605	0.04%	0.010%
14	2.289	2.284	2.305	VV	604	7129	0.03%	0.010%
15	2.315	2.305	2.324	VV	615	6469	0.03%	0.009%
16	2.355	2.324	2.365	VV	599	13731	0.06%	0.018%
17	2.395	2.365	2.428	VV	718	21677	0.10%	0.029%
18	2.458	2.428	2.475	VV	587	15213	0.07%	0.020%
19	2.496	2.475	2.511	VV	713	12342	0.06%	0.017%
20	2.515	2.511	2.521	VV	506	2699	0.01%	0.004%
21	2.524	2.521	2.540	VV	503	5239	0.02%	0.007%
22	2.550	2.540	2.559	VV	510	5204	0.02%	0.007%
23	2.567	2.559	2.574	VV	445	3754	0.02%	0.005%
24	2.579	2.574	2.587	VV	426	3056	0.01%	0.004%
25	2.590	2.587	2.596	VV	399	2089	0.01%	0.003%
26	2.603	2.596	2.609	VV	425	3166	0.01%	0.004%
27	2.622	2.609	2.626	VV	421	4045	0.02%	0.005%
28	2.634	2.626	2.638	VV	431	2919	0.01%	0.004%
29	2.642	2.638	2.655	VV	430	3798	0.02%	0.005%
30	2.677	2.655	2.698	VV	526	10941	0.05%	0.015%
31	2.702	2.698	2.709	VV	427	2762	0.01%	0.004%
32	2.714	2.709	2.733	VV	378	4825	0.02%	0.006%
33	2.738	2.733	2.748	VV	356	2920	0.01%	0.004%
34	2.769	2.748	2.797	VV	629	12964	0.06%	0.017%
35	2.825	2.797	2.837	VV	508	8588	0.04%	0.012%
36	2.846	2.837	2.853	VV	416	3820	0.02%	0.005%

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37	2.857	2.853	2.866	VV	400	2897	0.01%	0.004%
38	2.870	2.866	2.874	VV	390	1783	0.01%	0.002%
39	2.878	2.874	2.892	VV	371	3466	0.02%	0.005%
40	2.896	2.892	2.912	VV	379	3971	0.02%	0.005%
41	2.919	2.912	2.923	VV	413	2275	0.01%	0.003%
42	2.930	2.923	2.936	VV	420	2845	0.01%	0.004%
43	2.945	2.936	2.960	VV	370	4809	0.02%	0.006%
44	2.964	2.960	2.968	VV	319	1369	0.01%	0.002%
45	2.977	2.968	2.981	VV	322	2147	0.01%	0.003%
46	2.991	2.981	3.005	VV	343	4432	0.02%	0.006%
47	3.024	3.005	3.043	VV	428	7210	0.03%	0.010%
48	3.063	3.043	3.096	VV	334	8015	0.04%	0.011%
49	3.098	3.096	3.103	VV	254	823	0.00%	0.001%
50	3.130	3.103	3.138	VV	267	4709	0.02%	0.006%
51	3.143	3.138	3.165	VV	249	3401	0.02%	0.005%
52	3.175	3.165	3.179	VV	230	1693	0.01%	0.002%
53	3.188	3.179	3.194	VV	216	1607	0.01%	0.002%
54	3.198	3.194	3.205	VV	176	1146	0.01%	0.002%
55	3.213	3.205	3.222	VV	224	1739	0.01%	0.002%
56	3.246	3.222	3.300	VV	400	10493	0.05%	0.014%
57	3.312	3.300	3.328	VV	202	2593	0.01%	0.003%
58	3.344	3.328	3.352	VV	191	2296	0.01%	0.003%
59	3.369	3.352	3.382	VV	209	2725	0.01%	0.004%
60	3.413	3.382	3.422	VV	206	3578	0.02%	0.005%
61	3.435	3.422	3.456	VV	206	3187	0.01%	0.004%
62	3.460	3.456	3.464	VV	130	578	0.00%	0.001%
63	3.480	3.464	3.488	VV	173	1873	0.01%	0.003%
64	3.519	3.488	3.534	VV	219	4485	0.02%	0.006%
65	3.544	3.534	3.552	VV	206	1870	0.01%	0.003%
66	3.577	3.552	3.588	VV	262	3959	0.02%	0.005%
67	3.598	3.588	3.603	VV	152	1083	0.01%	0.001%
68	3.619	3.603	3.640	VV	310	4554	0.02%	0.006%
69	3.654	3.640	3.663	VV	198	2042	0.01%	0.003%
70	3.686	3.663	3.723	VV	1227	17367	0.08%	0.023%
71	3.737	3.723	3.757	VV	247	3757	0.02%	0.005%
72	3.762	3.757	3.774	VV	161	1110	0.01%	0.001%
73	3.785	3.774	3.799	VV	162	1595	0.01%	0.002%
74	3.822	3.799	3.825	VV	171	1708	0.01%	0.002%
75	3.836	3.825	3.851	VV	265	3077	0.01%	0.004%
76	3.860	3.851	3.881	VV	195	2248	0.01%	0.003%
77	3.917	3.881	3.934	VV	487	7899	0.04%	0.011%
78	3.945	3.934	3.966	VV	363	4697	0.02%	0.006%
79	3.977	3.966	3.981	VV	171	1347	0.01%	0.002%
80	3.996	3.981	4.000	VV	210	2073	0.01%	0.003%
81	4.012	4.000	4.035	VV	292	3098	0.01%	0.004%
82	4.053	4.035	4.064	PV	130	1310	0.01%	0.002%
83	4.086	4.064	4.107	VV	435	7145	0.03%	0.010%
84	4.117	4.107	4.146	VV	318	5024	0.02%	0.007%
85	4.150	4.146	4.154	VV	162	611	0.00%	0.001%
86	4.165	4.154	4.188	VV	136	2172	0.01%	0.003%
87	4.194	4.188	4.202	VV	127	755	0.00%	0.001%
88	4.206	4.202	4.213	VV	76	435	0.00%	0.001%
89	4.234	4.213	4.245	VV	171	2266	0.01%	0.003%

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90	4.250	4.245	4.258	VV	108	557	0.00%	0.001%
91	4.268	4.258	4.286	VV	194	2225	0.01%	0.003%
92	4.320	4.286	4.348	VV	945	11819	0.06%	0.016%
93	4.359	4.348	4.369	VV	193	1601	0.01%	0.002%
94	4.387	4.369	4.409	VV	218	2909	0.01%	0.004%
95	4.420	4.409	4.440	VV	105	1516	0.01%	0.002%
96	4.466	4.440	4.482	VV	287	3786	0.02%	0.005%
97	4.487	4.482	4.499	VV	170	1230	0.01%	0.002%
98	4.519	4.499	4.534	VV	257	3528	0.02%	0.005%
99	4.538	4.534	4.544	VV	200	1000	0.00%	0.001%
100	4.548	4.544	4.561	VV	179	1157	0.01%	0.002%
101	4.574	4.561	4.589	VV	572	5420	0.03%	0.007%
102	4.600	4.589	4.621	VV	317	3903	0.02%	0.005%
103	4.633	4.621	4.638	VV	155	1488	0.01%	0.002%
104	4.651	4.638	4.663	VV	284	2582	0.01%	0.003%
105	4.676	4.663	4.680	VV	148	1359	0.01%	0.002%
106	4.700	4.680	4.713	VV	364	4610	0.02%	0.006%
107	4.736	4.713	4.762	VV	416	6942	0.03%	0.009%
108	4.788	4.762	4.823	VV	375	6829	0.03%	0.009%
109	4.845	4.823	4.857	VV	229	2307	0.01%	0.003%
110	4.879	4.857	4.895	VV	201	2601	0.01%	0.003%
111	4.908	4.895	4.917	VV	257	2843	0.01%	0.004%
112	4.933	4.917	4.942	VV	297	3810	0.02%	0.005%
113	4.962	4.942	4.985	VV	421	6512	0.03%	0.009%
114	5.005	4.985	5.025	VV	429	6204	0.03%	0.008%
115	5.037	5.025	5.048	VV	365	3587	0.02%	0.005%
116	5.063	5.048	5.083	VV	548	6956	0.03%	0.009%
117	5.088	5.083	5.102	VV	164	1214	0.01%	0.002%
118	5.131	5.102	5.140	PV	136	2246	0.01%	0.003%
119	5.177	5.140	5.198	VV	637	10342	0.05%	0.014%
120	5.220	5.198	5.235	VV	303	4759	0.02%	0.006%
121	5.249	5.235	5.266	VV	425	5428	0.03%	0.007%
122	5.275	5.266	5.291	VV	182	2210	0.01%	0.003%
123	5.307	5.291	5.328	VV	183	2678	0.01%	0.004%
124	5.333	5.328	5.339	VV	86	429	0.00%	0.001%
125	5.362	5.339	5.405	VV	1827	26582	0.12%	0.036%
126	5.428	5.405	5.448	VV	227	4468	0.02%	0.006%
127	5.458	5.448	5.462	VV	173	983	0.00%	0.001%
128	5.465	5.462	5.472	VV	169	828	0.00%	0.001%
129	5.480	5.472	5.498	VV	154	1538	0.01%	0.002%
130	5.504	5.498	5.518	VV	103	969	0.00%	0.001%
131	5.543	5.518	5.571	VV	672	9904	0.05%	0.013%
132	5.576	5.571	5.585	VV	195	1218	0.01%	0.002%
133	5.610	5.585	5.615	VV	188	2457	0.01%	0.003%
134	5.619	5.615	5.625	VV	193	943	0.00%	0.001%
135	5.645	5.625	5.682	VV	541	11274	0.05%	0.015%
136	5.698	5.682	5.708	VV	268	2883	0.01%	0.004%
137	5.712	5.708	5.720	VV	205	1200	0.01%	0.002%
138	5.732	5.720	5.746	VV	400	4260	0.02%	0.006%
139	5.752	5.746	5.762	VV	214	1680	0.01%	0.002%
140	5.777	5.762	5.792	VV	228	3184	0.01%	0.004%
141	5.796	5.792	5.802	VV	159	813	0.00%	0.001%

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142	5.818	5.802	5.838	VV	318	4062	0.02%	0.005%
143	5.869	5.838	5.888	PV	359	5955	0.03%	0.008%
144	5.909	5.888	5.920	VV	505	6538	0.03%	0.009%
145	5.924	5.920	5.934	VV	306	2122	0.01%	0.003%
146	5.960	5.934	5.980	VV	366	5899	0.03%	0.008%
147	6.005	5.980	6.025	VV	390	4915	0.02%	0.007%
148	6.069	6.025	6.084	VV	631	11639	0.05%	0.016%
149	6.090	6.084	6.117	VV	287	3664	0.02%	0.005%
150	6.125	6.117	6.137	VV	207	1629	0.01%	0.002%
151	6.152	6.137	6.162	VV	235	2311	0.01%	0.003%
152	6.186	6.162	6.206	VV	451	7146	0.03%	0.010%
153	6.233	6.206	6.238	VV	279	3990	0.02%	0.005%
154	6.244	6.238	6.250	VV	245	1487	0.01%	0.002%
155	6.274	6.250	6.313	VV	357	8094	0.04%	0.011%
156	6.347	6.313	6.401	VV	1335	17859	0.08%	0.024%
157	6.432	6.401	6.443	VV	187	2308	0.01%	0.003%
158	6.498	6.443	6.523	VV	801	12595	0.06%	0.017%
159	6.540	6.523	6.558	VV	386	4994	0.02%	0.007%
160	6.569	6.558	6.576	VV	133	721	0.00%	0.001%
161	6.625	6.576	6.638	PV	393	5461	0.03%	0.007%
162	6.674	6.638	6.698	VV	355	7007	0.03%	0.009%
163	6.707	6.698	6.718	VV	159	1392	0.01%	0.002%
164	6.744	6.718	6.770	VV	763	9792	0.05%	0.013%
165	6.778	6.770	6.790	VV	217	2101	0.01%	0.003%
166	6.817	6.790	6.829	VV	588	8119	0.04%	0.011%
167	6.847	6.829	6.856	VV	506	6787	0.03%	0.009%
168	6.867	6.856	6.887	VV	556	7307	0.03%	0.010%
169	6.909	6.887	6.935	VV	632	10167	0.05%	0.014%
170	6.958	6.935	6.962	VV	634	6261	0.03%	0.008%
171	6.970	6.962	6.992	VV	663	9030	0.04%	0.012%
172	7.010	6.992	7.031	VV	508	7897	0.04%	0.011%
173	7.054	7.031	7.086	VV	1197	18561	0.09%	0.025%
174	7.107	7.086	7.128	VV	541	8921	0.04%	0.012%
175	7.149	7.128	7.167	VV	587	9724	0.05%	0.013%
176	7.180	7.167	7.204	VV	458	7435	0.03%	0.010%
177	7.228	7.204	7.234	VV	418	5897	0.03%	0.008%
178	7.252	7.234	7.256	VV	819	7677	0.04%	0.010%
179	7.276	7.256	7.301	VV	2498	34487	0.16%	0.046%
180	7.323	7.301	7.328	VV	502	7165	0.03%	0.010%
181	7.338	7.328	7.359	VV	486	8649	0.04%	0.012%
182	7.362	7.359	7.382	VV	437	4383	0.02%	0.006%
183	7.399	7.382	7.416	VV	390	6680	0.03%	0.009%
184	7.420	7.416	7.425	VV	317	1601	0.01%	0.002%
185	7.449	7.425	7.481	VV	988	19671	0.09%	0.026%
186	7.500	7.481	7.518	VV	497	7936	0.04%	0.011%
187	7.540	7.518	7.546	VV	370	4580	0.02%	0.006%
188	7.564	7.546	7.570	VV	507	6199	0.03%	0.008%
189	7.608	7.570	7.631	VV	672	18512	0.09%	0.025%
190	7.641	7.631	7.645	VV	568	3988	0.02%	0.005%
191	7.651	7.645	7.669	VV	561	6497	0.03%	0.009%
192	7.703	7.669	7.718	VV	851	18017	0.08%	0.024%
193	7.736	7.718	7.741	VV	800	9054	0.04%	0.012%
194	7.752	7.741	7.775	VV	800	13263	0.06%	0.018%

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195	7.798	7.775	7.813	VV	815	14076	0.07%	0.019%
196	7.817	7.813	7.821	VV	504	2315	0.01%	0.003%
197	7.844	7.821	7.864	VV	1077	19833	0.09%	0.027%
198	7.882	7.864	7.891	VV	1046	14301	0.07%	0.019%
199	7.903	7.891	7.923	VV	1053	15109	0.07%	0.020%
200	7.929	7.923	7.933	VV	590	3592	0.02%	0.005%
201	7.971	7.933	8.000	VV	2179	46797	0.22%	0.063%
202	8.030	8.000	8.039	VV	1107	23760	0.11%	0.032%
203	8.082	8.039	8.110	VV	1479	53299	0.25%	0.071%
204	8.123	8.110	8.131	VV	1225	13976	0.07%	0.019%
205	8.150	8.131	8.178	VV	3883	57445	0.27%	0.077%
206	8.180	8.178	8.184	VV	907	3003	0.01%	0.004%
207	8.197	8.184	8.218	VV	981	17523	0.08%	0.023%
208	8.222	8.218	8.226	VV	767	3576	0.02%	0.005%
209	8.250	8.226	8.277	VV	1109	26939	0.13%	0.036%
210	8.304	8.277	8.324	VV	1440	27568	0.13%	0.037%
211	8.335	8.324	8.349	VV	868	11430	0.05%	0.015%
212	8.366	8.349	8.389	VV	1012	18991	0.09%	0.025%
213	8.394	8.389	8.401	VV	698	4849	0.02%	0.007%
214	8.403	8.401	8.412	VV	699	4302	0.02%	0.006%
215	8.445	8.412	8.461	VV	784	19323	0.09%	0.026%
216	8.480	8.461	8.489	VV	652	9769	0.05%	0.013%
217	8.507	8.489	8.521	VV	1011	16541	0.08%	0.022%
218	8.526	8.521	8.532	VV	919	5587	0.03%	0.007%
219	8.541	8.532	8.549	VV	915	9117	0.04%	0.012%
220	8.574	8.549	8.586	VV	915	18269	0.09%	0.024%
221	8.604	8.586	8.630	VV	1407	27062	0.13%	0.036%
222	8.644	8.630	8.654	VV	1068	13642	0.06%	0.018%
223	8.665	8.654	8.669	VV	1110	9188	0.04%	0.012%
224	8.690	8.669	8.715	VV	2232	36685	0.17%	0.049%
225	8.742	8.715	8.756	VV	937	17872	0.08%	0.024%
226	8.763	8.756	8.778	VV	835	9925	0.05%	0.013%
227	8.786	8.778	8.792	VV	816	6448	0.03%	0.009%
228	8.798	8.792	8.810	VV	853	8436	0.04%	0.011%
229	8.824	8.810	8.852	VV	847	17808	0.08%	0.024%
230	8.871	8.852	8.877	VV	680	9352	0.04%	0.013%
231	8.889	8.877	8.909	VV	873	14459	0.07%	0.019%
232	8.918	8.909	8.923	VV	687	5105	0.02%	0.007%
233	8.941	8.923	8.948	VV	683	9207	0.04%	0.012%
234	8.976	8.948	8.998	VV	3478	50332	0.23%	0.067%
235	9.003	8.998	9.018	VV	694	5820	0.03%	0.008%
236	9.024	9.018	9.037	VV	363	2987	0.01%	0.004%
237	9.062	9.037	9.086	VV	463	6330	0.03%	0.008%
238	9.116	9.086	9.136	VV	409	6364	0.03%	0.009%
239	9.146	9.136	9.159	VV	265	2586	0.01%	0.003%
240	9.175	9.159	9.189	VV	332	4570	0.02%	0.006%
241	9.204	9.189	9.218	VV	409	5152	0.02%	0.007%
242	9.261	9.218	9.274	VV	712	16150	0.08%	0.022%
243	9.283	9.274	9.291	VV	743	6908	0.03%	0.009%
244	9.305	9.291	9.322	VV	1125	15273	0.07%	0.020%
245	9.354	9.322	9.383	VV	1570	41890	0.20%	0.056%
246	9.414	9.383	9.418	VV	1887	31801	0.15%	0.043%

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247	9.423	9.418	9.431	VV	1944	14174	0.07%	0.019%
248	9.436	9.431	9.460	VV	1889	28025	0.13%	0.038%
249	9.484	9.460	9.500	VV	1669	34371	0.16%	0.046%
250	9.522	9.500	9.528	VV	1537	23301	0.11%	0.031%
251	9.539	9.528	9.555	VV	1549	22334	0.10%	0.030%
252	9.583	9.555	9.605	VV	1479	38116	0.18%	0.051%
253	9.612	9.605	9.616	VV	1226	7286	0.03%	0.010%
254	9.620	9.616	9.634	VV	1280	13164	0.06%	0.018%
255	9.638	9.634	9.647	VV	1233	8915	0.04%	0.012%
256	9.658	9.647	9.664	VV	1337	12660	0.06%	0.017%
257	9.675	9.664	9.681	VV	1469	14263	0.07%	0.019%
258	9.691	9.681	9.707	VV	1466	20782	0.10%	0.028%
259	9.714	9.707	9.732	VV	1386	18256	0.09%	0.024%
260	9.758	9.732	9.804	VV	3942	60570	0.28%	0.081%
261	9.860	9.804	9.884	PV	425	11443	0.05%	0.015%
262	9.896	9.884	9.900	VV	373	2820	0.01%	0.004%
263	9.933	9.900	9.948	VV	959	19647	0.09%	0.026%
264	9.957	9.948	9.965	VV	900	8032	0.04%	0.011%
265	9.982	9.965	9.989	VV	995	12751	0.06%	0.017%
266	10.002	9.989	10.017	VV	1116	16312	0.08%	0.022%
267	10.037	10.017	10.047	VV	1157	18665	0.09%	0.025%
268	10.089	10.047	10.093	VV	1884	41637	0.19%	0.056%
269	10.110	10.093	10.118	VV	1974	27724	0.13%	0.037%
270	10.146	10.118	10.179	VV	2911	75844	0.35%	0.102%
271	10.189	10.179	10.218	VV	1598	34097	0.16%	0.046%
272	10.221	10.218	10.233	VV	1435	12591	0.06%	0.017%
273	10.237	10.233	10.248	VV	1449	11986	0.06%	0.016%
274	10.296	10.248	10.323	VV	2509	86852	0.40%	0.116%
275	10.392	10.323	10.439	VV	4031	218090	1.02%	0.292%
276	10.446	10.439	10.453	VV	2669	22519	0.10%	0.030%
277	10.464	10.453	10.469	VV	2717	24337	0.11%	0.033%
278	10.477	10.469	10.481	VV	2672	17896	0.08%	0.024%
279	10.499	10.481	10.531	VV	4535	78060	0.36%	0.105%
280	10.551	10.531	10.563	VV	2777	38593	0.18%	0.052%
281	10.571	10.563	10.593	VV	2511	32654	0.15%	0.044%
282	10.616	10.593	10.660	VV	1641	45506	0.21%	0.061%
283	10.676	10.660	10.683	VV	1009	11445	0.05%	0.015%
284	10.690	10.683	10.695	VV	1046	7141	0.03%	0.010%
285	10.707	10.695	10.722	VV	1202	17253	0.08%	0.023%
286	10.744	10.722	10.763	VV	2163	37898	0.18%	0.051%
287	10.774	10.763	10.803	VV	1601	28973	0.14%	0.039%
288	10.838	10.803	10.862	VV	1666	48711	0.23%	0.065%
289	10.868	10.862	10.880	VV	1602	16495	0.08%	0.022%
290	10.890	10.880	10.909	VV	1765	25975	0.12%	0.035%
291	10.913	10.909	10.930	VV	1153	13369	0.06%	0.018%
292	10.936	10.930	10.947	VV	998	8823	0.04%	0.012%
293	10.957	10.947	10.988	VV	1073	19214	0.09%	0.026%
294	11.003	10.988	11.013	VV	538	5964	0.03%	0.008%
295	11.016	11.013	11.025	VV	424	2809	0.01%	0.004%
296	11.089	11.025	11.102	VV	2312	58452	0.27%	0.078%
297	11.123	11.102	11.129	VV	2631	39585	0.18%	0.053%
298	11.133	11.129	11.139	VV	2435	13996	0.07%	0.019%
299	11.157	11.139	11.172	VV	4636	74181	0.35%	0.099%

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300	11.176	11.172	11.182	VV	4184	24303	0.11%	0.033%
301	11.204	11.182	11.232	VV	4972	98950	0.46%	0.133%
302	11.265	11.232	11.283	VV	1402	32175	0.15%	0.043%
303	11.297	11.283	11.323	VV	1601	22458	0.10%	0.030%
304	11.328	11.323	11.337	VV	305	1867	0.01%	0.003%
305	11.341	11.337	11.347	VV	362	1303	0.01%	0.002%
306	11.369	11.347	11.373	PV	466	4403	0.02%	0.006%
307	11.401	11.373	11.416	VV	1501	24908	0.12%	0.033%
308	11.464	11.416	11.475	VV	1809	46461	0.22%	0.062%
309	11.486	11.475	11.492	VV	1671	15916	0.07%	0.021%
310	11.498	11.492	11.526	VV	1622	27146	0.13%	0.036%
311	11.532	11.526	11.548	VV	1346	12669	0.06%	0.017%
312	11.553	11.548	11.559	VV	847	5192	0.02%	0.007%
313	11.583	11.559	11.591	VV	1030	15386	0.07%	0.021%
314	11.614	11.591	11.623	VV	1087	18254	0.09%	0.024%
315	11.636	11.623	11.640	VV	1137	10567	0.05%	0.014%
316	11.648	11.640	11.654	VV	1327	9616	0.04%	0.013%
317	11.660	11.654	11.673	VV	1508	14348	0.07%	0.019%
318	11.687	11.673	11.718	VV	1241	20993	0.10%	0.028%
319	11.738	11.718	11.745	VV	837	7427	0.03%	0.010%
320	11.768	11.745	11.781	VV	3000	39738	0.19%	0.053%
321	11.802	11.781	11.827	VV	3066	57233	0.27%	0.077%
322	11.867	11.827	11.901	VV	8956	199945	0.93%	0.268%
323	11.934	11.901	11.998	VV	304599	3725997	17.36%	4.996%
324	12.037	11.998	12.091	VV	3359	129716	0.60%	0.174%
325	12.129	12.091	12.170	VV	51569	783543	3.65%	1.051%
326	12.174	12.170	12.182	VV	2584	16659	0.08%	0.022%
327	12.203	12.182	12.226	VV	4550	81519	0.38%	0.109%
328	12.231	12.226	12.244	VV	2146	19621	0.09%	0.026%
329	12.286	12.244	12.319	VV	3163	92827	0.43%	0.124%
330	12.356	12.319	12.382	VV	3591	87836	0.41%	0.118%
331	12.400	12.382	12.429	VV	2979	53435	0.25%	0.072%
332	12.455	12.429	12.487	VV	5913	112226	0.52%	0.150%
333	12.518	12.487	12.550	VV	12412	190212	0.89%	0.255%
334	12.572	12.550	12.591	VV	6422	90786	0.42%	0.122%
335	12.614	12.591	12.658	VV	8488	157981	0.74%	0.212%
336	12.665	12.658	12.688	VV	1192	13660	0.06%	0.018%
337	12.701	12.688	12.724	PV	665	6900	0.03%	0.009%
338	12.731	12.724	12.735	PV	321	1062	0.00%	0.001%
339	12.784	12.735	12.806	VV	1822	51079	0.24%	0.068%
340	12.842	12.806	12.856	VV	4562	88212	0.41%	0.118%
341	12.872	12.856	12.897	VV	5215	90671	0.42%	0.122%
342	12.908	12.897	12.921	VV	2481	29331	0.14%	0.039%
343	12.967	12.921	12.997	VV	1426184	21457465	100.00%	28.771%
344	13.019	12.997	13.040	VV	676163	8347694	38.90%	11.193%
345	13.048	13.040	13.098	VV	62576	833636	3.89%	1.118%
346	13.146	13.098	13.167	VV	18751	389461	1.82%	0.522%
347	13.194	13.167	13.225	VV	134993	1881083	8.77%	2.522%
348	13.232	13.225	13.313	VV	8094	187867	0.88%	0.252%
349	13.366	13.313	13.390	VV	14635	256792	1.20%	0.344%
350	13.397	13.390	13.421	VV	2561	37843	0.18%	0.051%
351	13.428	13.421	13.441	VV	1714	17055	0.08%	0.023%

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352	13.460	13.441	13.469	VV	2317	30090	0.14%	0.040%
353	13.487	13.469	13.508	VV	5073	84195	0.39%	0.113%
354	13.513	13.508	13.520	VV	2033	13036	0.06%	0.017%
355	13.523	13.520	13.545	VV	1860	20230	0.09%	0.027%
356	13.569	13.545	13.581	VV	2523	39293	0.18%	0.053%
357	13.599	13.581	13.613	VV	2206	36551	0.17%	0.049%
358	13.645	13.613	13.651	VV	2810	51693	0.24%	0.069%
359	13.671	13.651	13.701	VV	4808	80314	0.37%	0.108%
360	13.726	13.701	13.800	VV	13450	260967	1.22%	0.350%
361	13.828	13.800	13.880	VV	2825	64588	0.30%	0.087%
362	13.890	13.880	13.898	VV	327	1978	0.01%	0.003%
363	13.939	13.898	13.942	PV	2025	22834	0.11%	0.031%
364	13.951	13.942	13.982	VV	2259	43298	0.20%	0.058%
365	14.012	13.982	14.020	VV	3523	53579	0.25%	0.072%
366	14.027	14.020	14.048	VV	3535	42434	0.20%	0.057%
367	14.058	14.048	14.065	VV	1331	10474	0.05%	0.014%
368	14.089	14.065	14.109	VV	6537	102085	0.48%	0.137%
369	14.139	14.109	14.141	VV	2735	49244	0.23%	0.066%
370	14.146	14.141	14.153	VV	2737	18512	0.09%	0.025%
371	14.182	14.153	14.196	VV	7619	124399	0.58%	0.167%
372	14.212	14.196	14.225	VV	5499	88455	0.41%	0.119%
373	14.246	14.225	14.268	VV	6253	114000	0.53%	0.153%
374	14.293	14.268	14.317	VV	14158	211428	0.99%	0.283%
375	14.349	14.317	14.375	VV	14757	248019	1.16%	0.333%
376	14.384	14.375	14.409	VV	3122	52965	0.25%	0.071%
377	14.415	14.409	14.426	VV	2631	21768	0.10%	0.029%
378	14.432	14.426	14.442	VV	2100	16300	0.08%	0.022%
379	14.457	14.442	14.479	VV	2196	29013	0.14%	0.039%
380	14.494	14.479	14.498	VV	1286	9297	0.04%	0.012%
381	14.509	14.498	14.517	VV	1554	14339	0.07%	0.019%
382	14.520	14.517	14.531	VV	1185	8928	0.04%	0.012%
383	14.537	14.531	14.547	VV	1263	9696	0.05%	0.013%
384	14.585	14.547	14.609	VV	8478	149364	0.70%	0.200%
385	14.633	14.609	14.661	VV	15953	233920	1.09%	0.314%
386	14.671	14.661	14.676	VV	1150	8908	0.04%	0.012%
387	14.682	14.676	14.710	VV	1254	16428	0.08%	0.022%
388	14.729	14.710	14.744	VV	1286	21036	0.10%	0.028%
389	14.793	14.744	14.818	VV	11954	243519	1.13%	0.327%
390	14.836	14.818	14.862	VV	10109	145400	0.68%	0.195%
391	14.884	14.862	14.911	VV	3247	66081	0.31%	0.089%
392	14.918	14.911	14.937	VV	1807	19656	0.09%	0.026%
393	14.948	14.937	14.952	VV	1803	12295	0.06%	0.016%
394	14.956	14.952	14.971	VV	1695	15281	0.07%	0.020%
395	14.978	14.971	14.986	VV	1750	12894	0.06%	0.017%
396	14.988	14.986	15.008	VV	1484	10732	0.05%	0.014%
397	15.030	15.008	15.034	VV	445	5546	0.03%	0.007%
398	15.065	15.034	15.101	VV	2037	41540	0.19%	0.056%
399	15.110	15.101	15.120	VV	712	5545	0.03%	0.007%
400	15.141	15.120	15.158	PV	1316	14648	0.07%	0.020%
401	15.179	15.158	15.189	VV	730	8992	0.04%	0.012%
402	15.226	15.189	15.232	VV	1979	32006	0.15%	0.043%
403	15.261	15.232	15.265	VV	6265	84922	0.40%	0.114%
404	15.269	15.265	15.299	VV	6146	89212	0.42%	0.120%

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405	15.311	15.299	15.332	VV	3530	52168	0.24%	0.070%
406	15.360	15.332	15.386	VV	8670	139497	0.65%	0.187%
407	15.419	15.386	15.452	VV	21659	341161	1.59%	0.457%
408	15.480	15.452	15.497	VV	1990	40281	0.19%	0.054%
409	15.507	15.497	15.513	VV	716	4155	0.02%	0.006%
410	15.516	15.513	15.527	VV	551	1913	0.01%	0.003%
411	15.538	15.527	15.556	PV	1485	17338	0.08%	0.023%
412	15.584	15.556	15.597	VV	1827	33567	0.16%	0.045%
413	15.607	15.597	15.621	VV	1637	16320	0.08%	0.022%
414	15.625	15.621	15.642	VV	1213	8830	0.04%	0.012%
415	15.657	15.642	15.668	VV	1248	10946	0.05%	0.015%
416	15.691	15.668	15.698	VV	1367	17407	0.08%	0.023%
417	15.703	15.698	15.708	VV	881	3202	0.01%	0.004%
418	15.720	15.708	15.735	VV	1733	20728	0.10%	0.028%
419	15.745	15.735	15.751	VV	1770	13950	0.07%	0.019%
420	15.762	15.751	15.767	VV	2023	17548	0.08%	0.024%
421	15.792	15.767	15.800	VV	2334	37079	0.17%	0.050%
422	15.825	15.800	15.839	VV	3497	60391	0.28%	0.081%
423	15.867	15.839	15.898	VV	12044	224447	1.05%	0.301%
424	15.922	15.898	15.939	VV	2826	46616	0.22%	0.063%
425	15.952	15.939	15.962	VV	1241	13068	0.06%	0.018%
426	15.969	15.962	15.976	VV	871	4558	0.02%	0.006%
427	15.986	15.976	15.991	PV	673	4465	0.02%	0.006%
428	16.059	15.991	16.081	VV	3729	98276	0.46%	0.132%
429	16.088	16.081	16.097	VV	1320	9623	0.04%	0.013%
430	16.102	16.097	16.110	VV	1146	5960	0.03%	0.008%
431	16.142	16.110	16.158	VV	1728	37260	0.17%	0.050%
432	16.161	16.158	16.175	VV	1566	10966	0.05%	0.015%
433	16.193	16.175	16.208	VV	1672	25794	0.12%	0.035%
434	16.212	16.208	16.218	VV	1092	5581	0.03%	0.007%
435	16.241	16.218	16.256	VV	2947	43318	0.20%	0.058%
436	16.261	16.256	16.271	VV	1599	10713	0.05%	0.014%
437	16.321	16.271	16.339	VV	12057	260823	1.22%	0.350%
438	16.343	16.339	16.387	VV	10163	143478	0.67%	0.192%
439	16.412	16.387	16.440	VV	7102	129575	0.60%	0.174%
440	16.454	16.440	16.468	VV	2561	35051	0.16%	0.047%
441	16.474	16.468	16.482	VV	1906	12930	0.06%	0.017%
442	16.507	16.482	16.539	VV	6853	131113	0.61%	0.176%
443	16.546	16.539	16.555	VV	2547	21505	0.10%	0.029%
444	16.565	16.555	16.570	VV	2363	17156	0.08%	0.023%
445	16.576	16.570	16.586	VV	2096	15114	0.07%	0.020%
446	16.593	16.586	16.597	VV	1528	7593	0.04%	0.010%
447	16.612	16.597	16.622	VV	2468	26130	0.12%	0.035%
448	16.625	16.622	16.630	VV	2036	9332	0.04%	0.013%
449	16.642	16.630	16.658	VV	2887	36103	0.17%	0.048%
450	16.664	16.658	16.677	VV	1997	16178	0.08%	0.022%
451	16.696	16.677	16.708	VV	2886	38550	0.18%	0.052%
452	16.712	16.708	16.727	VV	2080	19414	0.09%	0.026%
453	16.731	16.727	16.741	VV	1235	6179	0.03%	0.008%
454	16.786	16.741	16.799	PV	4388	94795	0.44%	0.127%
455	16.818	16.799	16.851	VV	10005	169951	0.79%	0.228%
456	16.863	16.851	16.883	VV	3182	43903	0.20%	0.059%

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457	16.896	16.883	16.917	VV	2627	36267	0.17%	0.049%
458	16.927	16.917	16.940	VV	1935	15964	0.07%	0.021%
459	16.956	16.940	16.975	VV	1693	20822	0.10%	0.028%
460	17.003	16.975	17.022	VV	2639	46725	0.22%	0.063%
461	17.031	17.022	17.035	VV	2455	14423	0.07%	0.019%
462	17.060	17.035	17.078	VV	2575	54807	0.26%	0.073%
463	17.091	17.078	17.096	VV	1683	14793	0.07%	0.020%
464	17.101	17.096	17.106	VV	2038	10436	0.05%	0.014%
465	17.120	17.106	17.135	VV	2793	40211	0.19%	0.054%
466	17.148	17.135	17.153	VV	2609	21996	0.10%	0.029%
467	17.172	17.153	17.194	VV	5756	94700	0.44%	0.127%
468	17.204	17.194	17.210	VV	4376	36515	0.17%	0.049%
469	17.220	17.210	17.233	VV	5254	66059	0.31%	0.089%
470	17.248	17.233	17.255	VV	4383	52913	0.25%	0.071%
471	17.271	17.255	17.294	VV	8493	130591	0.61%	0.175%
472	17.300	17.294	17.308	VV	2486	17466	0.08%	0.023%
473	17.318	17.308	17.333	VV	3070	36142	0.17%	0.048%
474	17.346	17.333	17.354	VV	2912	31609	0.15%	0.042%
475	17.371	17.354	17.402	VV	4698	80033	0.37%	0.107%
476	17.415	17.402	17.420	VV	1535	11733	0.05%	0.016%
477	17.428	17.420	17.436	VV	2204	16660	0.08%	0.022%
478	17.444	17.436	17.452	VV	2536	20416	0.10%	0.027%
479	17.473	17.452	17.505	VV	5986	97934	0.46%	0.131%
480	17.520	17.505	17.528	VV	1171	11758	0.05%	0.016%
481	17.551	17.528	17.564	VV	1702	18777	0.09%	0.025%
482	17.611	17.564	17.625	PV	2878	57749	0.27%	0.077%
483	17.645	17.625	17.660	VV	5233	79442	0.37%	0.107%
484	17.681	17.660	17.688	VV	5577	78412	0.37%	0.105%
485	17.707	17.688	17.733	VV	10090	169788	0.79%	0.228%
486	17.749	17.733	17.765	VV	3437	58394	0.27%	0.078%
487	17.772	17.765	17.777	VV	3261	17018	0.08%	0.023%
488	17.793	17.777	17.799	VV	3888	43612	0.20%	0.058%
489	17.803	17.799	17.813	VV	4113	29066	0.14%	0.039%
490	17.837	17.813	17.840	VV	8794	103022	0.48%	0.138%
491	17.845	17.840	17.863	VV	9160	91227	0.43%	0.122%
492	17.887	17.863	17.921	VV	9602	199918	0.93%	0.268%
493	17.932	17.921	17.938	VV	1977	16250	0.08%	0.022%
494	17.944	17.938	17.959	VV	1954	12952	0.06%	0.017%
495	17.980	17.959	17.996	PV	2760	34651	0.16%	0.046%
496	18.018	17.996	18.023	VV	3653	40312	0.19%	0.054%
497	18.056	18.023	18.073	VV	6187	149125	0.69%	0.200%
498	18.077	18.073	18.090	VV	3907	31290	0.15%	0.042%
499	18.136	18.090	18.156	VV	8791	203360	0.95%	0.273%
500	18.162	18.156	18.166	VV	3866	20501	0.10%	0.027%
501	18.170	18.166	18.176	VV	3870	20088	0.09%	0.027%
502	18.214	18.176	18.235	VV	8026	182085	0.85%	0.244%
503	18.247	18.235	18.262	VV	3930	49963	0.23%	0.067%
504	18.268	18.262	18.276	VV	2593	18908	0.09%	0.025%
505	18.284	18.276	18.292	VV	2924	23909	0.11%	0.032%
506	18.296	18.292	18.302	VV	2519	11269	0.05%	0.015%
507	18.310	18.302	18.314	VV	1927	11572	0.05%	0.016%
508	18.336	18.314	18.347	VV	4468	63880	0.30%	0.086%
509	18.357	18.347	18.364	VV	3619	29955	0.14%	0.040%

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510	18.381	18.364	18.398	VV	2946	40557	0.19%	0.054%
511	18.418	18.398	18.438	VV	2626	40852	0.19%	0.055%
512	18.449	18.438	18.460	VV	2309	19099	0.09%	0.026%
513	18.488	18.460	18.496	PV	2158	27657	0.13%	0.037%
514	18.542	18.496	18.579	VV	10485	285728	1.33%	0.383%
515	18.600	18.579	18.609	VV	4162	60044	0.28%	0.081%
516	18.642	18.609	18.657	VV	9539	174292	0.81%	0.234%
517	18.682	18.657	18.705	VV	7946	184024	0.86%	0.247%
518	18.710	18.705	18.728	VV	5927	67809	0.32%	0.091%
519	18.734	18.728	18.746	VV	4177	36339	0.17%	0.049%
520	18.766	18.746	18.777	VV	4591	72401	0.34%	0.097%
521	18.811	18.777	18.820	VV	6881	130239	0.61%	0.175%
522	18.825	18.820	18.836	VV	5354	43966	0.20%	0.059%
523	18.843	18.836	18.851	VV	4811	37206	0.17%	0.050%
524	18.861	18.851	18.868	VV	5547	46962	0.22%	0.063%
525	18.875	18.868	18.884	VV	5571	43769	0.20%	0.059%
526	18.893	18.884	18.899	VV	6676	49599	0.23%	0.067%
527	18.923	18.899	18.938	VV	12402	239031	1.11%	0.320%
528	18.953	18.938	18.994	VV	12793	356751	1.66%	0.478%
529	19.001	18.994	19.014	VV	8101	89296	0.42%	0.120%
530	19.046	19.014	19.051	VV	10694	206078	0.96%	0.276%
531	19.057	19.051	19.070	VV	11117	122957	0.57%	0.165%
532	19.073	19.070	19.108	VV	11132	208331	0.97%	0.279%
533	19.142	19.108	19.164	VV	10690	292569	1.36%	0.392%
534	19.175	19.164	19.194	VV	9502	154351	0.72%	0.207%
535	19.212	19.194	19.223	VV	10560	164723	0.77%	0.221%
536	19.228	19.223	19.233	VV	8582	46810	0.22%	0.063%
537	19.248	19.233	19.259	VV	9112	126738	0.59%	0.170%
538	19.268	19.259	19.273	VV	9276	75680	0.35%	0.101%
539	19.302	19.273	19.318	VV	14473	308101	1.44%	0.413%
540	19.330	19.318	19.337	VV	13358	138535	0.65%	0.186%
541	19.353	19.337	19.368	VV	13438	227499	1.06%	0.305%
542	19.378	19.368	19.392	VV	12540	149843	0.70%	0.201%
543	19.397	19.392	19.410	VV	10220	96973	0.45%	0.130%
544	19.451	19.410	19.475	VV	15115	469181	2.19%	0.629%
545	19.499	19.475	19.507	VV	12493	216192	1.01%	0.290%
546	19.517	19.507	19.522	VV	12242	104193	0.49%	0.140%
547	19.529	19.522	19.534	VV	11726	79112	0.37%	0.106%
548	19.550	19.534	19.556	VV	13899	167322	0.78%	0.224%
549	19.563	19.556	19.573	VV	13465	133660	0.62%	0.179%
550	19.586	19.573	19.593	VV	13588	156262	0.73%	0.210%
551	19.598	19.593	19.610	VV	13953	131815	0.61%	0.177%
552	19.619	19.610	19.624	VV	13041	104058	0.48%	0.140%
553	19.678	19.624	19.694	VV	18542	652959	3.04%	0.875%
554	19.712	19.694	19.725	VV	19311	334437	1.56%	0.448%
555	19.732	19.725	19.746	VV	18267	210997	0.98%	0.283%
556	19.752	19.746	19.768	VV	17406	220261	1.03%	0.295%
557	19.775	19.768	19.780	VV	15400	105881	0.49%	0.142%
558	19.799	19.780	19.811	VV	17003	297131	1.38%	0.398%
559	19.817	19.811	19.821	VV	16462	94333	0.44%	0.126%
560	19.834	19.821	19.845	VV	18934	257934	1.20%	0.346%
561	19.865	19.845	19.879	VV	22343	408594	1.90%	0.548%

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562	19.895	19.879	19.910	VV	21130	355888	1.66%	0.477%
563	19.939	19.910	19.947	VV	23946	466175	2.17%	0.625%
564	19.954	19.947	19.958	VV	24489	163240	0.76%	0.219%
565	19.967	19.958	19.998	VV	25686	572094	2.67%	0.767%
566	20.002	19.998	20.008	VV	22617	133329	0.62%	0.179%
567	20.028	20.008	20.046	VV	22835	505868	2.36%	0.678%
568	20.055	20.046	20.061	VV	22855	186534	0.87%	0.250%
569	20.074	20.061	20.078	VV	24222	246145	1.15%	0.330%
570	20.085	20.078	20.097	VV	25194	265239	1.24%	0.356%
571	20.132	20.097	20.138	VV	27227	592939	2.76%	0.795%
572	20.141	20.138	20.155	VV	25702	261228	1.22%	0.350%
573	20.196	20.155	20.200	VV	26320	645912	3.01%	0.866%
574	20.205	20.200	20.211	VV	26890	176002	0.82%	0.236%
575	20.236	20.211	20.254	VV	31417	711014	3.31%	0.953%
576	20.259	20.254	20.283	VV	24244	410187	1.91%	0.550%
577	20.290	20.283	20.295	VV	24081	171620	0.80%	0.230%
578	20.321	20.295	20.329	VV	26446	497983	2.32%	0.668%
579	20.350	20.329	20.359	VV	27849	480209	2.24%	0.644%
580	20.375	20.359	20.404	VV	33000	831072	3.87%	1.114%
581	20.423	20.404	20.431	VV	30812	477203	2.22%	0.640%
582	20.446	20.431	20.472	VV	30965	711426	3.32%	0.954%
583	20.485	20.472	20.501	VV	26060	423895	1.98%	0.568%
584	20.524	20.501	20.533	VV	24760	458275	2.14%	0.614%
585	20.540	20.533	20.545	VV	24502	166233	0.77%	0.223%
586	20.554	20.545	20.563	VV	26433	263575	1.23%	0.353%
587	20.572	20.563	20.579	VV	25178	242638	1.13%	0.325%
588	20.592	20.579	20.642	VV	27204	854751	3.98%	1.146%
589	20.657	20.642	20.668	VV	20589	303126	1.41%	0.406%
590	20.681	20.668	20.687	VV	20578	216219	1.01%	0.290%
591	20.714	20.687	20.723	VV	22155	451592	2.10%	0.606%
592	20.732	20.723	20.737	VV	21300	182507	0.85%	0.245%
593	20.773	20.737	20.792	VV	24451	723054	3.37%	0.969%
594	20.795	20.792	20.806	VV	19351	151866	0.71%	0.204%
595	20.812	20.806	20.825	VV	19017	211663	0.99%	0.284%
596	20.827	20.825	20.841	VV	17170	152217	0.71%	0.204%
597	20.850	20.841	20.859	VV	16204	157794	0.74%	0.212%
598	20.864	20.859	20.871	VV	15673	109798	0.51%	0.147%
					Sum of corrected areas:		74581407	

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