

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032923\
 Data File : FG011686.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2023 13:41
 Sample : 02102-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.952	1.920	1.991	BV	354	4238	0.22%	0.005%
2	2.000	1.991	2.018	PV	197	1055	0.05%	0.001%
3	2.022	2.018	2.037	PV	81	620	0.03%	0.001%
4	2.063	2.037	2.087	VV	323	5644	0.29%	0.007%
5	2.093	2.087	2.098	VV	125	658	0.03%	0.001%
6	2.102	2.098	2.107	VV	114	575	0.03%	0.001%
7	2.112	2.107	2.126	VV	172	1608	0.08%	0.002%
8	2.144	2.126	2.171	VV	286	5538	0.28%	0.007%
9	2.176	2.171	2.190	VV	143	1307	0.07%	0.002%
10	2.194	2.190	2.211	VV	138	1200	0.06%	0.001%
11	2.214	2.211	2.222	VV	104	516	0.03%	0.001%
12	2.226	2.222	2.231	VV	90	416	0.02%	0.001%
13	2.235	2.231	2.252	VV	114	723	0.04%	0.001%
14	2.264	2.252	2.275	PV	125	961	0.05%	0.001%
15	2.293	2.275	2.335	VV	524	10914	0.56%	0.013%
16	2.347	2.335	2.377	VV	5061	60487	3.08%	0.075%
17	2.387	2.377	2.443	VV	1039	18248	0.93%	0.023%
18	2.447	2.443	2.452	VV	105	462	0.02%	0.001%
19	2.469	2.452	2.489	VV	168	2065	0.11%	0.003%
20	2.494	2.489	2.498	VV	147	597	0.03%	0.001%
21	2.503	2.498	2.515	VV	127	998	0.05%	0.001%
22	2.532	2.515	2.557	VV	161	2456	0.13%	0.003%
23	2.560	2.557	2.565	VV	105	352	0.02%	0.000%
24	2.568	2.565	2.577	VV	100	363	0.02%	0.000%
25	2.584	2.577	2.591	PV	51	299	0.02%	0.000%
26	2.626	2.591	2.658	VV	262	5849	0.30%	0.007%
27	2.661	2.658	2.673	VV	159	771	0.04%	0.001%
28	2.679	2.673	2.690	PV	125	563	0.03%	0.001%
29	2.709	2.690	2.724	PV	140	1510	0.08%	0.002%
30	2.747	2.724	2.779	VV	461	9578	0.49%	0.012%
31	2.783	2.779	2.793	VV	151	786	0.04%	0.001%
32	2.803	2.793	2.811	VV	161	1509	0.08%	0.002%
33	2.829	2.811	2.898	VV	1970	29749	1.51%	0.037%
34	2.909	2.898	2.919	VV	196	1801	0.09%	0.002%
35	2.957	2.919	2.997	VV	343	9811	0.50%	0.012%
36	3.015	2.997	3.032	VV	377	5205	0.27%	0.006%

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37	3.046	3.032	3.071	VV	417	6624	0.34%	0.008%
38	3.075	3.071	3.080	VV	226	1103	0.06%	0.001%
39	3.100	3.080	3.123	VV	219	4512	0.23%	0.006%
40	3.142	3.123	3.151	VV	192	2588	0.13%	0.003%
41	3.154	3.151	3.167	VV	137	793	0.04%	0.001%
42	3.172	3.167	3.177	VV	73	243	0.01%	0.000%
43	3.202	3.177	3.224	PV	375	5561	0.28%	0.007%
44	3.244	3.224	3.284	VV	1499	21534	1.10%	0.027%
45	3.289	3.284	3.296	VV	230	1448	0.07%	0.002%
46	3.318	3.296	3.364	VV	397	10948	0.56%	0.014%
47	3.370	3.364	3.380	VV	155	1122	0.06%	0.001%
48	3.385	3.380	3.400	VV	155	1368	0.07%	0.002%
49	3.404	3.400	3.409	VV	100	470	0.02%	0.001%
50	3.415	3.409	3.426	VV	150	934	0.05%	0.001%
51	3.458	3.426	3.485	VV	613	16610	0.85%	0.020%
52	3.488	3.485	3.499	VV	443	3213	0.16%	0.004%
53	3.512	3.499	3.531	VV	474	7980	0.41%	0.010%
54	3.545	3.531	3.583	VV	511	12681	0.65%	0.016%
55	3.599	3.583	3.611	VV	435	6459	0.33%	0.008%
56	3.632	3.611	3.666	VV	706	16002	0.81%	0.020%
57	3.679	3.666	3.707	VV	663	10332	0.53%	0.013%
58	3.713	3.707	3.740	VV	315	4913	0.25%	0.006%
59	3.770	3.740	3.788	VV	764	13247	0.67%	0.016%
60	3.800	3.788	3.821	VV	576	9584	0.49%	0.012%
61	3.830	3.821	3.836	VV	545	4438	0.23%	0.005%
62	3.850	3.836	3.878	VV	847	13507	0.69%	0.017%
63	3.909	3.878	3.943	VV	681	14568	0.74%	0.018%
64	3.959	3.943	3.985	VV	444	6061	0.31%	0.007%
65	4.011	3.985	4.028	PV	692	9172	0.47%	0.011%
66	4.037	4.028	4.067	VV	444	6047	0.31%	0.007%
67	4.117	4.067	4.138	VV	1726	30703	1.56%	0.038%
68	4.145	4.138	4.167	VV	972	13418	0.68%	0.017%
69	4.179	4.167	4.205	VV	624	10952	0.56%	0.014%
70	4.223	4.205	4.253	VV	978	13679	0.70%	0.017%
71	4.263	4.253	4.279	VV	279	3378	0.17%	0.004%
72	4.302	4.279	4.332	VV	1349	22908	1.17%	0.028%
73	4.346	4.332	4.397	VV	896	17711	0.90%	0.022%
74	4.412	4.397	4.437	VV	723	8581	0.44%	0.011%
75	4.468	4.437	4.492	VV	486	6459	0.33%	0.008%
76	4.517	4.492	4.544	VV	561	8714	0.44%	0.011%
77	4.574	4.544	4.600	VV	1537	21101	1.07%	0.026%
78	4.616	4.600	4.633	VV	609	7179	0.37%	0.009%
79	4.651	4.633	4.668	VV	537	6839	0.35%	0.008%
80	4.687	4.668	4.718	VV	1797	20373	1.04%	0.025%
81	4.747	4.718	4.777	VV	1005	19223	0.98%	0.024%
82	4.790	4.777	4.811	VV	677	10792	0.55%	0.013%
83	4.825	4.811	4.843	VV	827	10025	0.51%	0.012%
84	4.859	4.843	4.873	VV	2339	23414	1.19%	0.029%
85	4.885	4.873	4.904	VV	1178	14798	0.75%	0.018%
86	4.919	4.904	4.931	VV	728	9547	0.49%	0.012%
87	4.940	4.931	4.953	VV	874	9302	0.47%	0.011%
88	4.965	4.953	4.974	VV	746	8435	0.43%	0.010%
89	4.994	4.974	5.008	VV	1725	22114	1.13%	0.027%

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90	5.037	5.008	5.063	VV	1333	28191	1.44%	0.035%
91	5.083	5.063	5.126	VV	1487	25443	1.30%	0.031%
92	5.157	5.126	5.172	PV	775	9398	0.48%	0.012%
93	5.194	5.172	5.230	VV	3419	50684	2.58%	0.063%
94	5.251	5.230	5.267	VV	1813	25712	1.31%	0.032%
95	5.283	5.267	5.309	VV	2897	40021	2.04%	0.049%
96	5.329	5.309	5.348	VV	2740	36627	1.87%	0.045%
97	5.362	5.348	5.378	VV	1779	22471	1.14%	0.028%
98	5.395	5.378	5.430	VV	3458	46567	2.37%	0.057%
99	5.452	5.430	5.475	VV	1022	20594	1.05%	0.025%
100	5.497	5.475	5.505	VV	1709	21729	1.11%	0.027%
101	5.518	5.505	5.543	VV	2628	39018	1.99%	0.048%
102	5.563	5.543	5.574	VV	1426	22916	1.17%	0.028%
103	5.591	5.574	5.606	VV	2238	32046	1.63%	0.040%
104	5.617	5.606	5.639	VV	1227	19529	0.99%	0.024%
105	5.655	5.639	5.670	VV	1441	18810	0.96%	0.023%
106	5.680	5.670	5.693	VV	880	10284	0.52%	0.013%
107	5.713	5.693	5.740	VV	4746	81417	4.15%	0.100%
108	5.745	5.740	5.768	VV	2245	23537	1.20%	0.029%
109	5.787	5.768	5.800	VV	1233	16913	0.86%	0.021%
110	5.808	5.800	5.816	VV	820	7731	0.39%	0.010%
111	5.841	5.816	5.849	VV	1344	22377	1.14%	0.028%
112	5.864	5.849	5.878	VV	2113	30160	1.54%	0.037%
113	5.903	5.878	5.931	VV	5492	107676	5.48%	0.133%
114	5.940	5.931	5.950	VV	1511	14722	0.75%	0.018%
115	5.971	5.950	5.991	VV	5634	72612	3.70%	0.090%
116	6.012	5.991	6.053	VV	5337	120631	6.14%	0.149%
117	6.079	6.053	6.091	VV	2576	42460	2.16%	0.052%
118	6.103	6.091	6.118	VV	3259	34436	1.75%	0.042%
119	6.144	6.118	6.172	VV	2028	38211	1.95%	0.047%
120	6.192	6.172	6.212	PV	2556	29347	1.49%	0.036%
121	6.245	6.212	6.267	VV	3447	58630	2.99%	0.072%
122	6.294	6.267	6.327	VV	5004	113839	5.80%	0.140%
123	6.344	6.327	6.363	VV	4318	52617	2.68%	0.065%
124	6.389	6.363	6.410	VV	5136	70221	3.58%	0.087%
125	6.432	6.410	6.437	VV	3362	40306	2.05%	0.050%
126	6.452	6.437	6.498	VV	6037	108230	5.51%	0.133%
127	6.516	6.498	6.528	VV	2486	30956	1.58%	0.038%
128	6.540	6.528	6.551	VV	2466	28656	1.46%	0.035%
129	6.573	6.551	6.596	VV	3089	65707	3.35%	0.081%
130	6.615	6.596	6.638	VV	3119	56594	2.88%	0.070%
131	6.671	6.638	6.706	VV	4032	90768	4.62%	0.112%
132	6.715	6.706	6.724	VV	1140	11295	0.58%	0.014%
133	6.744	6.724	6.796	VV	3158	74119	3.77%	0.091%
134	6.808	6.796	6.813	VV	859	7044	0.36%	0.009%
135	6.833	6.813	6.846	VV	1891	27440	1.40%	0.034%
136	6.867	6.846	6.879	VV	2710	43017	2.19%	0.053%
137	6.896	6.879	6.922	VV	12795	152575	7.77%	0.188%
138	6.938	6.922	6.960	VV	3872	66492	3.39%	0.082%
139	6.970	6.960	6.986	VV	2614	28888	1.47%	0.036%
140	7.002	6.986	7.007	VV	1663	19192	0.98%	0.024%
141	7.029	7.007	7.049	VV	4972	69655	3.55%	0.086%

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142	7.073	7.049	7.099	VV	5057	94682	4.82%	0.117%
143	7.108	7.099	7.124	VV	2955	32428	1.65%	0.040%
144	7.153	7.124	7.181	VV	8451	129517	6.59%	0.160%
145	7.226	7.181	7.237	VV	3113	80662	4.11%	0.099%
146	7.257	7.237	7.265	VV	5756	73308	3.73%	0.090%
147	7.277	7.265	7.297	VV	7224	96226	4.90%	0.119%
148	7.318	7.297	7.346	VV	8716	130416	6.64%	0.161%
149	7.383	7.346	7.405	VV	13043	238462	12.14%	0.294%
150	7.421	7.405	7.443	VV	7253	104294	5.31%	0.129%
151	7.465	7.443	7.502	VV	17486	258212	13.15%	0.318%
152	7.521	7.502	7.548	VV	10031	143678	7.32%	0.177%
153	7.567	7.548	7.583	VV	6047	84727	4.31%	0.104%
154	7.598	7.583	7.605	VV	3232	39139	1.99%	0.048%
155	7.613	7.605	7.627	VV	3285	39735	2.02%	0.049%
156	7.671	7.627	7.682	VV	8733	175367	8.93%	0.216%
157	7.692	7.682	7.717	VV	7849	113768	5.79%	0.140%
158	7.739	7.717	7.754	VV	4877	93235	4.75%	0.115%
159	7.762	7.754	7.769	VV	4805	41704	2.12%	0.051%
160	7.781	7.769	7.798	VV	5382	81113	4.13%	0.100%
161	7.814	7.798	7.841	VV	4715	108337	5.52%	0.134%
162	7.867	7.841	7.899	VV	13084	249746	12.72%	0.308%
163	7.920	7.899	7.938	VV	5349	98212	5.00%	0.121%
164	7.957	7.938	7.972	VV	4097	70923	3.61%	0.087%
165	7.985	7.972	7.996	VV	5341	66394	3.38%	0.082%
166	8.010	7.996	8.015	VV	6345	65564	3.34%	0.081%
167	8.032	8.015	8.049	VV	9512	144984	7.38%	0.179%
168	8.063	8.049	8.075	VV	6265	84875	4.32%	0.105%
169	8.083	8.075	8.100	VV	5342	73460	3.74%	0.091%
170	8.125	8.100	8.140	VV	8957	163095	8.30%	0.201%
171	8.153	8.140	8.166	VV	8319	115676	5.89%	0.143%
172	8.176	8.166	8.194	VV	8582	115586	5.89%	0.143%
173	8.219	8.194	8.239	VV	9955	178882	9.11%	0.221%
174	8.273	8.239	8.290	VV	9778	236531	12.04%	0.292%
175	8.307	8.290	8.319	VV	13143	188881	9.62%	0.233%
176	8.324	8.319	8.348	VV	11031	138259	7.04%	0.170%
177	8.393	8.348	8.429	VV	35000	649641	33.08%	0.801%
178	8.446	8.429	8.467	VV	8122	157709	8.03%	0.194%
179	8.500	8.467	8.514	VV	18477	346267	17.63%	0.427%
180	8.528	8.514	8.547	VV	15824	240877	12.27%	0.297%
181	8.572	8.547	8.600	VV	12023	314567	16.02%	0.388%
182	8.620	8.600	8.638	VV	13543	236745	12.05%	0.292%
183	8.669	8.638	8.708	VV	13484	438375	22.32%	0.541%
184	8.737	8.708	8.755	VV	19933	376895	19.19%	0.465%
185	8.767	8.755	8.781	VV	11137	164418	8.37%	0.203%
186	8.797	8.781	8.812	VV	12342	201341	10.25%	0.248%
187	8.823	8.812	8.837	VV	10165	140675	7.16%	0.173%
188	8.864	8.837	8.890	VV	10963	298676	15.21%	0.368%
189	8.905	8.890	8.916	VV	9537	134874	6.87%	0.166%
190	8.936	8.916	8.958	VV	15052	309352	15.75%	0.381%
191	8.968	8.958	8.983	VV	12958	189704	9.66%	0.234%
192	8.999	8.983	9.012	VV	13475	211075	10.75%	0.260%
193	9.034	9.012	9.054	VV	22059	399774	20.36%	0.493%
194	9.075	9.054	9.080	VV	14219	198548	10.11%	0.245%

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195	9.116	9.080	9.139	VV	50700	924948	47.10%	1.141%
196	9.152	9.139	9.164	VV	11792	164983	8.40%	0.203%
197	9.167	9.164	9.171	VV	11289	47289	2.41%	0.058%
198	9.174	9.171	9.178	VV	11241	48579	2.47%	0.060%
199	9.193	9.178	9.208	VV	13223	212636	10.83%	0.262%
200	9.226	9.208	9.246	VV	20967	367528	18.71%	0.453%
201	9.262	9.246	9.282	VV	17305	301172	15.34%	0.371%
202	9.298	9.282	9.312	VV	13022	218840	11.14%	0.270%
203	9.349	9.312	9.364	VV	18261	458013	23.32%	0.565%
204	9.374	9.364	9.380	VV	14269	137575	7.01%	0.170%
205	9.399	9.380	9.417	VV	23418	408394	20.80%	0.504%
206	9.439	9.417	9.465	VV	24226	489080	24.90%	0.603%
207	9.487	9.465	9.513	VV	17462	405156	20.63%	0.500%
208	9.556	9.513	9.573	VV	18853	503236	25.62%	0.621%
209	9.588	9.573	9.600	VV	17876	242625	12.35%	0.299%
210	9.607	9.600	9.621	VV	13210	155948	7.94%	0.192%
211	9.637	9.621	9.653	VV	13942	240816	12.26%	0.297%
212	9.692	9.653	9.718	VV	21965	619083	31.52%	0.763%
213	9.733	9.718	9.754	VV	16463	306835	15.62%	0.378%
214	9.777	9.754	9.790	VV	25829	416186	21.19%	0.513%
215	9.797	9.790	9.828	VV	21659	380520	19.38%	0.469%
216	9.856	9.828	9.890	VV	29950	737871	37.57%	0.910%
217	9.896	9.890	9.912	VV	14310	188462	9.60%	0.232%
218	9.942	9.912	9.968	VV	20790	599620	30.53%	0.739%
219	9.978	9.968	9.997	VV	18610	281373	14.33%	0.347%
220	10.019	9.997	10.032	VV	15922	302150	15.39%	0.373%
221	10.054	10.032	10.080	VV	83865	1094636	55.74%	1.350%
222	10.100	10.080	10.118	VV	19509	386538	19.68%	0.477%
223	10.141	10.118	10.169	VV	24655	626386	31.89%	0.772%
224	10.187	10.169	10.232	VV	24115	716277	36.47%	0.883%
225	10.251	10.232	10.259	VV	17637	267626	13.63%	0.330%
226	10.265	10.259	10.275	VV	17588	169451	8.63%	0.209%
227	10.291	10.275	10.329	VV	19791	525424	26.75%	0.648%
228	10.362	10.329	10.393	VV	20196	591099	30.10%	0.729%
229	10.398	10.393	10.407	VV	14877	127277	6.48%	0.157%
230	10.419	10.407	10.442	VV	14715	286250	14.58%	0.353%
231	10.461	10.442	10.480	VV	17438	342603	17.45%	0.422%
232	10.524	10.480	10.546	VV	21278	642685	32.72%	0.793%
233	10.575	10.546	10.603	VV	68279	1237268	63.00%	1.526%
234	10.632	10.603	10.646	VV	23570	504916	25.71%	0.623%
235	10.658	10.646	10.685	VV	24166	463183	23.58%	0.571%
236	10.715	10.685	10.750	VV	24817	764569	38.93%	0.943%
237	10.776	10.750	10.811	VV	26702	731600	37.25%	0.902%
238	10.838	10.811	10.852	VV	29328	569955	29.02%	0.703%
239	10.860	10.852	10.880	VV	25073	380948	19.40%	0.470%
240	10.906	10.880	10.938	VV	28159	841629	42.85%	1.038%
241	10.949	10.938	10.964	VV	22122	314405	16.01%	0.388%
242	10.998	10.964	11.024	VV	109986	1923471	97.94%	2.372%
243	11.037	11.024	11.076	VV	25737	683755	34.82%	0.843%
244	11.096	11.076	11.115	VV	23518	472848	24.08%	0.583%
245	11.150	11.115	11.168	VV	21580	624615	31.80%	0.770%
246	11.184	11.168	11.230	VV	24290	730793	37.21%	0.901%

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247	11.261	11.230	11.289	VV	22464	668028	34.02%	0.824%
248	11.320	11.289	11.362	VV	27621	840978	42.82%	1.037%
249	11.403	11.362	11.421	VV	18677	584692	29.77%	0.721%
250	11.436	11.421	11.447	VV	16618	241614	12.30%	0.298%
251	11.462	11.447	11.470	VV	16851	235552	11.99%	0.290%
252	11.493	11.470	11.515	VV	20309	481153	24.50%	0.593%
253	11.540	11.515	11.562	VV	19006	487482	24.82%	0.601%
254	11.580	11.562	11.603	VV	19688	451197	22.97%	0.556%
255	11.628	11.603	11.644	VV	21357	464646	23.66%	0.573%
256	11.659	11.644	11.669	VV	18906	264290	13.46%	0.326%
257	11.678	11.669	11.692	VV	18279	244750	12.46%	0.302%
258	11.722	11.692	11.755	VV	61298	1240925	63.19%	1.530%
259	11.784	11.755	11.807	VV	18047	487838	24.84%	0.602%
260	11.836	11.807	11.858	VV	17308	464705	23.66%	0.573%
261	11.894	11.858	11.915	VV	18241	573149	29.18%	0.707%
262	11.924	11.915	11.962	VV	17670	452892	23.06%	0.558%
263	11.991	11.962	12.007	VV	19126	433911	22.09%	0.535%
264	12.022	12.007	12.055	VV	21538	490421	24.97%	0.605%
265	12.079	12.055	12.093	VV	15843	335950	17.11%	0.414%
266	12.107	12.093	12.120	VV	16069	251554	12.81%	0.310%
267	12.139	12.120	12.158	VV	19060	374123	19.05%	0.461%
268	12.177	12.158	12.222	VV	17246	581017	29.58%	0.716%
269	12.244	12.222	12.255	VV	14087	267917	13.64%	0.330%
270	12.282	12.255	12.312	VV	26325	664170	33.82%	0.819%
271	12.323	12.312	12.354	VV	15535	356499	18.15%	0.440%
272	12.394	12.354	12.425	VV	23590	696749	35.48%	0.859%
273	12.430	12.425	12.447	VV	13955	179211	9.13%	0.221%
274	12.455	12.447	12.476	VV	12541	202398	10.31%	0.250%
275	12.497	12.476	12.510	VV	13185	247809	12.62%	0.306%
276	12.553	12.510	12.589	VV	74632	1325965	67.52%	1.635%
277	12.606	12.589	12.626	VV	14290	286758	14.60%	0.354%
278	12.643	12.626	12.651	VV	11897	167913	8.55%	0.207%
279	12.668	12.651	12.696	VV	12463	322518	16.42%	0.398%
280	12.712	12.696	12.725	VV	12229	204895	10.43%	0.253%
281	12.734	12.725	12.755	VV	12187	199472	10.16%	0.246%
282	12.785	12.755	12.841	VV	13657	580059	29.54%	0.715%
283	12.867	12.841	12.879	VV	14015	280707	14.29%	0.346%
284	12.892	12.879	12.914	VV	15956	292428	14.89%	0.361%
285	12.943	12.914	12.984	VV	14430	504066	25.67%	0.622%
286	13.007	12.984	13.054	VV	32122	655599	33.38%	0.808%
287	13.059	13.054	13.073	VV	8910	98434	5.01%	0.121%
288	13.087	13.073	13.123	VV	9447	253514	12.91%	0.313%
289	13.137	13.123	13.154	VV	8418	144307	7.35%	0.178%
290	13.165	13.154	13.174	VV	7715	90838	4.63%	0.112%
291	13.199	13.174	13.214	VV	9282	203441	10.36%	0.251%
292	13.222	13.214	13.249	VV	8849	172014	8.76%	0.212%
293	13.266	13.249	13.286	VV	8052	168679	8.59%	0.208%
294	13.308	13.286	13.323	VV	12977	220619	11.23%	0.272%
295	13.340	13.323	13.357	VV	14598	228372	11.63%	0.282%
296	13.362	13.357	13.382	VV	9075	132060	6.72%	0.163%
297	13.401	13.382	13.418	VV	9455	189129	9.63%	0.233%
298	13.441	13.418	13.476	VV	11372	318865	16.24%	0.393%
299	13.494	13.476	13.541	VV	7784	262668	13.37%	0.324%

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300	13.584	13.541	13.620	VV	9922	393613	20.04%	0.485%
301	13.639	13.620	13.690	VV	8353	288063	14.67%	0.355%
302	13.705	13.690	13.714	VV	5928	82205	4.19%	0.101%
303	13.730	13.714	13.757	VV	6173	143389	7.30%	0.177%
304	13.784	13.757	13.853	VV	14527	431565	21.97%	0.532%
305	13.873	13.853	13.878	VV	5291	77700	3.96%	0.096%
306	13.901	13.878	13.929	VV	9496	199879	10.18%	0.246%
307	13.941	13.929	13.956	VV	4731	75011	3.82%	0.093%
308	14.009	13.956	14.031	VV	9340	265830	13.54%	0.328%
309	14.055	14.031	14.074	VV	5617	130683	6.65%	0.161%
310	14.094	14.074	14.121	VV	6003	139326	7.09%	0.172%
311	14.145	14.121	14.191	VV	6212	200433	10.21%	0.247%
312	14.201	14.191	14.209	VV	4420	45103	2.30%	0.056%
313	14.227	14.209	14.250	VV	4655	100946	5.14%	0.124%
314	14.256	14.250	14.262	VV	3247	21303	1.08%	0.026%
315	14.286	14.262	14.316	VV	4083	110577	5.63%	0.136%
316	14.349	14.316	14.357	VV	3910	79735	4.06%	0.098%
317	14.379	14.357	14.416	VV	4620	131817	6.71%	0.163%
318	14.446	14.416	14.455	VV	3241	71768	3.65%	0.089%
319	14.464	14.455	14.490	VV	3569	62575	3.19%	0.077%
320	14.521	14.490	14.533	VV	3465	78007	3.97%	0.096%
321	14.538	14.533	14.557	VV	3312	46880	2.39%	0.058%
322	14.566	14.557	14.573	VV	3482	30844	1.57%	0.038%
323	14.576	14.573	14.584	VV	3374	23012	1.17%	0.028%
324	14.609	14.584	14.638	VV	3467	99530	5.07%	0.123%
325	14.644	14.638	14.650	VV	2596	18665	0.95%	0.023%
326	14.657	14.650	14.685	VV	2712	50549	2.57%	0.062%
327	14.709	14.685	14.732	VV	6361	111721	5.69%	0.138%
328	14.742	14.732	14.749	VV	2636	25765	1.31%	0.032%
329	14.772	14.749	14.793	VV	3639	80856	4.12%	0.100%
330	14.799	14.793	14.805	VV	2965	20566	1.05%	0.025%
331	14.826	14.805	14.861	VV	3339	92293	4.70%	0.114%
332	14.877	14.861	14.894	VV	2150	37899	1.93%	0.047%
333	14.904	14.894	14.909	VV	1961	15736	0.80%	0.019%
334	14.931	14.909	14.945	VV	2643	47107	2.40%	0.058%
335	14.969	14.945	14.988	VV	2276	53036	2.70%	0.065%
336	14.993	14.988	14.996	VV	1970	9297	0.47%	0.011%
337	15.000	14.996	15.011	VV	1951	16257	0.83%	0.020%
338	15.046	15.011	15.123	VV	135300	1963900	100.00%	2.422%
339	15.141	15.123	15.167	VV	2067	42481	2.16%	0.052%
340	15.196	15.167	15.214	VV	3011	66504	3.39%	0.082%
341	15.245	15.214	15.275	VV	7286	164077	8.35%	0.202%
342	15.297	15.275	15.335	VV	3651	79756	4.06%	0.098%
343	15.357	15.335	15.372	VV	1974	33374	1.70%	0.041%
344	15.391	15.372	15.420	VV	1752	31113	1.58%	0.038%
345	15.442	15.420	15.451	VV	1017	13777	0.70%	0.017%
346	15.458	15.451	15.466	VV	837	6537	0.33%	0.008%
347	15.470	15.466	15.481	VV	766	6400	0.33%	0.008%
348	15.502	15.481	15.528	VV	1679	30433	1.55%	0.038%
349	15.533	15.528	15.550	VV	777	8208	0.42%	0.010%
350	15.555	15.550	15.562	VV	735	4078	0.21%	0.005%
351	15.589	15.562	15.600	VV	863	15206	0.77%	0.019%

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352	15.605	15.600	15.612	VV	579	3574	0.18%	0.004%
353	15.643	15.612	15.748	VV	14405	475710	24.22%	0.587%
354	15.773	15.748	15.811	VV	8075	186932	9.52%	0.231%
355	15.846	15.811	15.883	VV	8807	155163	7.90%	0.191%
356	15.906	15.883	15.936	VV	1183	18994	0.97%	0.023%
357	15.949	15.936	15.957	VV	324	3327	0.17%	0.004%
358	16.021	15.957	16.052	VV	928	28054	1.43%	0.035%
359	16.093	16.052	16.099	VV	1377	26518	1.35%	0.033%
360	16.123	16.099	16.150	VV	2640	43247	2.20%	0.053%
361	16.187	16.150	16.217	VV	1508	34979	1.78%	0.043%
362	16.234	16.217	16.244	VV	981	11990	0.61%	0.015%
363	16.273	16.244	16.295	VV	6414	93374	4.75%	0.115%
364	16.310	16.295	16.351	VV	1838	41852	2.13%	0.052%
365	16.362	16.351	16.378	VV	586	8227	0.42%	0.010%
366	16.394	16.378	16.415	VV	969	11821	0.60%	0.015%
367	16.466	16.415	16.497	PV	1608	40924	2.08%	0.050%
368	16.507	16.497	16.526	VV	891	11163	0.57%	0.014%
369	16.531	16.526	16.533	VV	379	1517	0.08%	0.002%
370	16.587	16.533	16.621	VV	2163	73747	3.76%	0.091%
371	16.639	16.621	16.657	VV	1607	26747	1.36%	0.033%
372	16.671	16.657	16.678	VV	1582	17071	0.87%	0.021%
373	16.707	16.678	16.712	VV	1852	32283	1.64%	0.040%
374	16.724	16.712	16.733	VV	2120	24279	1.24%	0.030%
375	16.756	16.733	16.802	VV	8569	147688	7.52%	0.182%
376	16.838	16.802	16.868	VV	3880	75362	3.84%	0.093%
377	16.887	16.868	16.899	VV	1437	18463	0.94%	0.023%
378	16.918	16.899	16.949	VV	1389	31770	1.62%	0.039%
379	16.987	16.949	17.022	VV	2145	55058	2.80%	0.068%
380	17.057	17.022	17.064	VV	2392	43347	2.21%	0.053%
381	17.078	17.064	17.097	VV	2950	47117	2.40%	0.058%
382	17.115	17.097	17.173	VV	3400	81406	4.15%	0.100%
383	17.224	17.173	17.254	PV	8224	165020	8.40%	0.203%
384	17.272	17.254	17.330	VV	5534	98793	5.03%	0.122%
385	17.355	17.330	17.380	VV	1315	25829	1.32%	0.032%
386	17.400	17.380	17.410	VV	1406	18006	0.92%	0.022%
387	17.418	17.410	17.436	VV	1133	14986	0.76%	0.018%
388	17.470	17.436	17.492	VV	1878	46054	2.35%	0.057%
389	17.499	17.492	17.528	VV	849	13498	0.69%	0.017%
390	17.562	17.528	17.595	VV	2561	58222	2.96%	0.072%
391	17.616	17.595	17.632	VV	1468	26027	1.33%	0.032%
392	17.674	17.632	17.700	VV	6688	125057	6.37%	0.154%
393	17.712	17.700	17.740	VV	1414	26238	1.34%	0.032%
394	17.762	17.740	17.772	VV	1195	18927	0.96%	0.023%
395	17.794	17.772	17.830	VV	2889	53430	2.72%	0.066%
396	17.853	17.830	17.870	VV	897	13026	0.66%	0.016%
397	17.896	17.870	17.924	VV	1191	21475	1.09%	0.026%
398	17.948	17.924	17.991	VV	975	21339	1.09%	0.026%
399	18.009	17.991	18.029	PV	1505	22485	1.14%	0.028%
400	18.069	18.029	18.075	VV	2749	42503	2.16%	0.052%
401	18.076	18.075	18.088	VV	2455	15445	0.79%	0.019%
402	18.115	18.088	18.149	VV	6082	106560	5.43%	0.131%
403	18.204	18.149	18.230	VV	3830	79594	4.05%	0.098%
404	18.267	18.230	18.287	VV	3804	74817	3.81%	0.092%

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405	18.292	18.287	18.306	VV	1996	20332	1.04%	0.025%
406	18.341	18.306	18.414	VV	13394	473166	24.09%	0.583%
407	18.474	18.414	18.522	VV	45578	917360	46.71%	1.131%
408	18.537	18.522	18.615	VV	11720	338834	17.25%	0.418%
409	18.656	18.615	18.700	VV	6331	171160	8.72%	0.211%
410	18.708	18.700	18.730	VV	856	11580	0.59%	0.014%
411	18.772	18.730	18.782	VV	2167	40059	2.04%	0.049%
412	18.791	18.782	18.807	VV	1827	25171	1.28%	0.031%
413	18.829	18.807	18.834	VV	1786	26359	1.34%	0.033%
414	18.837	18.834	18.877	VV	1722	21004	1.07%	0.026%
415	18.937	18.877	18.966	PV	6576	146595	7.46%	0.181%
416	18.979	18.966	18.988	VV	2565	30403	1.55%	0.037%
417	19.000	18.988	19.030	VV	3025	47309	2.41%	0.058%
418	19.050	19.030	19.067	VV	3129	46527	2.37%	0.057%
419	19.080	19.067	19.093	VV	2459	33595	1.71%	0.041%
420	19.105	19.093	19.149	VV	2565	47525	2.42%	0.059%
421	19.189	19.149	19.204	VV	3523	67632	3.44%	0.083%
422	19.210	19.204	19.226	VV	3426	41703	2.12%	0.051%
423	19.236	19.226	19.262	VV	3330	63420	3.23%	0.078%
424	19.266	19.262	19.272	VV	2349	13184	0.67%	0.016%
425	19.311	19.272	19.377	VV	15960	520468	26.50%	0.642%
426	19.384	19.377	19.427	VV	6509	139802	7.12%	0.172%
427	19.449	19.427	19.457	VV	3526	61149	3.11%	0.075%
428	19.485	19.457	19.517	VV	5433	137261	6.99%	0.169%
429	19.547	19.517	19.574	VV	4358	106060	5.40%	0.131%
430	19.638	19.574	19.679	VV	2975	157435	8.02%	0.194%
431	19.735	19.679	19.752	VV	4424	136076	6.93%	0.168%
432	19.770	19.752	19.783	VV	4803	77796	3.96%	0.096%
433	19.800	19.783	19.821	VV	5226	100858	5.14%	0.124%
434	19.852	19.821	19.857	VV	5436	96744	4.93%	0.119%
435	19.861	19.857	19.877	VV	5525	65686	3.34%	0.081%
436	19.900	19.877	19.907	VV	5520	95900	4.88%	0.118%
437	19.933	19.907	19.959	VV	6498	176114	8.97%	0.217%
438	19.965	19.959	19.975	VV	4890	44928	2.29%	0.055%
439	19.997	19.975	20.044	VV	6256	215224	10.96%	0.265%
440	20.057	20.044	20.068	VV	4367	59830	3.05%	0.074%
441	20.105	20.068	20.125	VV	6416	183863	9.36%	0.227%
442	20.145	20.125	20.174	VV	6586	181980	9.27%	0.224%
443	20.180	20.174	20.188	VV	5824	50176	2.55%	0.062%
444	20.211	20.188	20.225	VV	5946	127074	6.47%	0.157%
445	20.290	20.225	20.294	VV	7484	267202	13.61%	0.330%
446	20.323	20.294	20.337	VV	8564	206387	10.51%	0.255%
447	20.362	20.337	20.406	VV	10212	355609	18.11%	0.439%
448	20.416	20.406	20.422	VV	7099	67123	3.42%	0.083%
449	20.476	20.422	20.498	VV	9648	370306	18.86%	0.457%
450	20.514	20.498	20.524	VV	8570	130186	6.63%	0.161%
451	20.557	20.524	20.566	VV	9420	224914	11.45%	0.277%
452	20.589	20.566	20.599	VV	9514	185250	9.43%	0.228%
453	20.642	20.599	20.668	VV	20219	565177	28.78%	0.697%
454	20.693	20.668	20.765	VV	13724	704186	35.86%	0.868%
455	20.791	20.765	20.814	VV	11807	332496	16.93%	0.410%
456	20.847	20.814	20.852	VV	12063	271407	13.82%	0.335%

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457	20.855	20.852	20.910	VV	12006	381925	19.45%	0.471%
458	20.914	20.910	20.918	VV	10046	47986	2.44%	0.059%
459	20.932	20.918	20.959	VV	9980	240162	12.23%	0.296%
460	20.997	20.959	21.004	VV	9534	251053	12.78%	0.310%
461	21.014	21.004	21.022	VV	9608	106498	5.42%	0.131%
462	21.026	21.022	21.038	VV	9469	87108	4.44%	0.107%
463	21.059	21.038	21.110	VV	9732	400508	20.39%	0.494%
464	21.116	21.110	21.142	VV	8654	164171	8.36%	0.202%
465	21.158	21.142	21.164	VV	8520	108557	5.53%	0.134%
466	21.200	21.164	21.207	VV	9069	230236	11.72%	0.284%
467	21.221	21.207	21.263	VV	9495	285754	14.55%	0.352%
468	21.272	21.263	21.277	VV	7698	61674	3.14%	0.076%
469	21.285	21.277	21.307	VV	7627	132703	6.76%	0.164%
470	21.312	21.307	21.316	VV	7246	40489	2.06%	0.050%
471	21.320	21.316	21.326	VV	7204	41215	2.10%	0.051%
472	21.330	21.326	21.347	VV	7082	89246	4.54%	0.110%
473	21.352	21.347	21.380	VV	6796	130668	6.65%	0.161%
474	21.386	21.380	21.402	VV	6520	82564	4.20%	0.102%
475	21.421	21.402	21.425	VV	6397	90800	4.62%	0.112%
476	21.430	21.425	21.451	VV	6335	94763	4.83%	0.117%
477	21.456	21.451	21.504	VV	6124	186572	9.50%	0.230%
478	21.509	21.504	21.512	VV	5767	29588	1.51%	0.036%
479	21.532	21.512	21.571	VV	5870	190088	9.68%	0.234%
480	21.607	21.571	21.612	VV	4933	120824	6.15%	0.149%
481	21.626	21.612	21.634	VV	4937	61197	3.12%	0.075%
482	21.665	21.634	21.670	VV	5222	111099	5.66%	0.137%
483	21.675	21.670	21.708	VV	5147	106320	5.41%	0.131%
484	21.725	21.708	21.732	VV	4624	65310	3.33%	0.081%
485	21.740	21.732	21.746	VV	4553	36409	1.85%	0.045%
486	21.753	21.746	21.757	VV	4402	30058	1.53%	0.037%
487	21.765	21.757	21.772	VV	4430	38026	1.94%	0.047%
488	21.784	21.772	21.839	VV	4484	166117	8.46%	0.205%
489	21.845	21.839	21.855	VV	3691	35572	1.81%	0.044%
490	21.877	21.855	21.885	VV	3660	64696	3.29%	0.080%
491	21.902	21.885	21.907	VV	3695	47231	2.40%	0.058%
492	21.917	21.907	21.985	VV	3535	139406	7.10%	0.172%
493	21.995	21.985	22.027	VV	2578	60107	3.06%	0.074%
494	22.034	22.027	22.039	VV	2249	15644	0.80%	0.019%
495	22.049	22.039	22.055	VV	2184	20176	1.03%	0.025%
496	22.057	22.055	22.072	VV	2055	20392	1.04%	0.025%
497	22.084	22.072	22.092	VV	2097	24296	1.24%	0.030%
498	22.156	22.092	22.200	VV	3138	137474	7.00%	0.170%
499	22.205	22.200	22.211	VV	996	5682	0.29%	0.007%
500	22.216	22.211	22.222	VV	858	5516	0.28%	0.007%
501	22.226	22.222	22.245	VV	746	8038	0.41%	0.010%
502	22.253	22.245	22.258	VV	443	3031	0.15%	0.004%
503	22.264	22.258	22.269	VV	387	1932	0.10%	0.002%
504	22.275	22.269	22.286	VV	260	1569	0.08%	0.002%
Sum of corrected areas:						81091766		