

Instrument :

FID_G

ClientSampleId :

AU-05-32123

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/27/2023

Supervised By :Ankita Jodhani 03/27/2023

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG03242
 Data File : FG011664.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 15:38
 Sample : 02022-01 5X
 Misc :
 ALS Vial : 14 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	1.928	1.907	1.936	BV	17	-74	-0.00%	-0.000%
2	1.939	1.936	1.944	PV	56	152	0.00%	0.000%
3	1.952	1.944	1.963	VV	95	752	0.02%	0.001%
4	1.966	1.963	1.979	VV	132	540	0.01%	0.000%
5	1.988	1.979	2.000	PV	55	604	0.01%	0.000%
6	2.008	2.000	2.012	VV	102	549	0.01%	0.000%
7	2.015	2.012	2.024	VV	119	631	0.01%	0.001%
8	2.027	2.024	2.044	VV	98	781	0.02%	0.001%
9	2.048	2.044	2.052	VV	112	403	0.01%	0.000%
10	2.056	2.052	2.062	VV	118	614	0.01%	0.000%
11	2.075	2.062	2.093	VV	144	1993	0.04%	0.002%
12	2.095	2.093	2.127	VV	127	1509	0.03%	0.001%
13	2.138	2.127	2.145	VV	152	1120	0.02%	0.001%
14	2.150	2.145	2.163	VV	102	903	0.02%	0.001%
15	2.174	2.163	2.187	VV	151	1566	0.03%	0.001%
16	2.190	2.187	2.197	VV	106	423	0.01%	0.000%
17	2.205	2.197	2.228	VV	108	1163	0.02%	0.001%
18	2.232	2.228	2.243	PV	107	544	0.01%	0.000%
19	2.252	2.243	2.257	VV	75	447	0.01%	0.000%
20	2.273	2.257	2.284	VV	93	918	0.02%	0.001%
21	2.302	2.284	2.311	VV	257	2695	0.06%	0.002%
22	2.314	2.311	2.325	VV	210	1254	0.03%	0.001%
23	2.329	2.325	2.340	VV	133	799	0.02%	0.001%
24	2.358	2.340	2.380	VV	801	10300	0.21%	0.008%
25	2.385	2.380	2.439	VV	323	5941	0.12%	0.005%
26	2.444	2.439	2.455	VV	148	929	0.02%	0.001%
27	2.457	2.455	2.464	VV	105	424	0.01%	0.000%
28	2.482	2.464	2.496	VV	86	1125	0.02%	0.001%
29	2.504	2.496	2.508	VV	91	485	0.01%	0.000%
30	2.513	2.508	2.520	VV	100	527	0.01%	0.000%
31	2.525	2.520	2.541	VV	96	534	0.01%	0.000%
32	2.558	2.541	2.572	PV	97	869	0.02%	0.001%
33	2.579	2.572	2.603	VV	107	782	0.02%	0.001%
34	2.613	2.603	2.623	PV	74	667	0.01%	0.001%
35	2.637	2.623	2.643	VV	117	1031	0.02%	0.001%
36	2.657	2.643	2.681	VV	105	1928	0.04%	0.002%

					retention	Area	Conc	Conc
37	2.700	2.681	2.707	VV	193	1657	0.03%	0.001%
38	2.710	2.707	2.735	VV	166	1713	0.03%	0.001%
39	2.756	2.735	2.773	VV	211	3218	0.03%	0.001%
40	2.778	2.773	2.783	VV	135	569	0.03%	0.001%
41	2.787	2.783	2.795	VV	90	453	0.03%	0.001%
42	2.803	2.795	2.811	VV	92	526	0.03%	0.001%
43	2.828	2.811	2.850	VV	136	2226	0.05%	0.002%
44	2.857	2.850	2.877	VV	121	1504	0.03%	0.001%
45	2.880	2.877	2.900	VV	123	854	0.02%	0.001%
46	2.916	2.900	2.933	PV	121	1356	0.03%	0.001%
47	2.937	2.933	2.943	VV	111	537	0.01%	0.000%
48	2.963	2.943	2.981	VV	229	3364	0.07%	0.003%
49	2.989	2.981	2.998	VV	113	929	0.02%	0.001%
50	3.021	2.998	3.044	VV	204	3703	0.08%	0.003%
51	3.070	3.044	3.081	VV	237	4067	0.08%	0.003%
52	3.086	3.081	3.091	VV	238	1215	0.02%	0.001%
53	3.102	3.091	3.149	VV	314	7635	0.16%	0.006%
54	3.153	3.149	3.159	VV	176	910	0.02%	0.001%
55	3.163	3.159	3.169	VV	172	910	0.02%	0.001%
56	3.172	3.169	3.182	VV	174	1166	0.02%	0.001%
57	3.186	3.182	3.190	VV	189	685	0.01%	0.001%
58	3.195	3.190	3.210	VV	144	1564	0.03%	0.001%
59	3.213	3.210	3.221	VV	171	744	0.02%	0.001%
60	3.232	3.221	3.245	VV	155	1623	0.03%	0.001%
61	3.250	3.245	3.269	VV	143	1408	0.03%	0.001%
62	3.273	3.269	3.277	VV	75	352	0.01%	0.000%
63	3.289	3.277	3.299	VV	146	1436	0.03%	0.001%
64	3.306	3.299	3.312	VV	172	1116	0.02%	0.001%
65	3.326	3.312	3.336	VV	327	3819	0.08%	0.003%
66	3.341	3.336	3.364	VV	310	3721	0.08%	0.003%
67	3.371	3.364	3.376	VV	200	1136	0.02%	0.001%
68	3.387	3.376	3.397	VV	183	2028	0.04%	0.002%
69	3.404	3.397	3.410	VV	207	1216	0.02%	0.001%
70	3.415	3.410	3.419	VV	139	773	0.02%	0.001%
71	3.424	3.419	3.432	VV	204	1271	0.03%	0.001%
72	3.436	3.432	3.441	VV	163	779	0.02%	0.001%
73	3.449	3.441	3.455	VV	181	1390	0.03%	0.001%
74	3.470	3.455	3.490	VV	290	4593	0.09%	0.004%
75	3.500	3.490	3.510	VV	285	2569	0.05%	0.002%
76	3.514	3.510	3.528	VV	257	2279	0.05%	0.002%
77	3.533	3.528	3.552	VV	249	2894	0.06%	0.002%
78	3.574	3.552	3.583	VV	276	4123	0.08%	0.003%
79	3.587	3.583	3.594	VV	200	1283	0.03%	0.001%
80	3.602	3.594	3.616	VV	267	2820	0.06%	0.002%
81	3.641	3.616	3.654	VV	434	6637	0.14%	0.005%
82	3.681	3.654	3.707	VV	703	12457	0.26%	0.010%
83	3.714	3.707	3.719	VV	224	1383	0.03%	0.001%
84	3.724	3.719	3.729	VV	236	1204	0.02%	0.001%
85	3.735	3.729	3.746	VV	212	1853	0.04%	0.001%
86	3.750	3.746	3.755	VV	207	950	0.02%	0.001%
87	3.776	3.755	3.802	VV	468	9297	0.19%	0.007%
88	3.807	3.802	3.818	VV	286	2323	0.05%	0.002%
89	3.831	3.818	3.843	VV	305	4085	0.08%	0.003%

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90	3.854	3.843	3.885	VV	363	7031	0.14%	0.006%
91	3.904	3.885	3.929	VV	327	6985		
92	3.938	3.929	3.954	VV	267	3328		
93	3.960	3.954	3.993	VV	278	3996		
94	3.996	3.993	3.999	VV	133	402		
95	4.012	3.999	4.029	VV	401	5441		
96	4.035	4.029	4.082	VV	336	7309	0.15%	0.006%
97	4.094	4.082	4.101	VV	243	1950	0.04%	0.002%
98	4.121	4.101	4.136	VV	488	7337	0.15%	0.006%
99	4.144	4.136	4.181	VV	431	9584	0.20%	0.008%
100	4.186	4.181	4.204	VV	347	4186	0.09%	0.003%
101	4.211	4.204	4.215	VV	339	2008	0.04%	0.002%
102	4.226	4.215	4.252	VV	449	6590	0.14%	0.005%
103	4.258	4.252	4.264	VV	173	1115	0.02%	0.001%
104	4.275	4.264	4.280	VV	176	1404	0.03%	0.001%
105	4.319	4.280	4.334	VV	483	10286	0.21%	0.008%
106	4.351	4.334	4.378	VV	637	10392	0.21%	0.008%
107	4.381	4.378	4.404	VV	276	3735	0.08%	0.003%
108	4.412	4.404	4.428	VV	205	2687	0.06%	0.002%
109	4.434	4.428	4.438	VV	166	902	0.02%	0.001%
110	4.472	4.438	4.499	VV	342	7798	0.16%	0.006%
111	4.522	4.499	4.548	VV	397	6798	0.14%	0.005%
112	4.578	4.548	4.600	VV	940	13348	0.27%	0.011%
113	4.622	4.600	4.644	VV	492	8289	0.17%	0.007%
114	4.655	4.644	4.674	VV	403	4538	0.09%	0.004%
115	4.692	4.674	4.721	VV	241	3745	0.08%	0.003%
116	4.750	4.721	4.777	VV	303	6414	0.13%	0.005%
117	4.792	4.777	4.810	VV	312	4752	0.10%	0.004%
118	4.815	4.810	4.845	VV	259	4423	0.09%	0.004%
119	4.863	4.845	4.876	VV	717	7494	0.15%	0.006%
120	4.888	4.876	4.904	VV	535	6231	0.13%	0.005%
121	4.920	4.904	4.931	VV	388	4939	0.10%	0.004%
122	4.945	4.931	4.955	VV	455	5556	0.11%	0.004%
123	4.965	4.955	4.982	VV	394	5765	0.12%	0.005%
124	4.997	4.982	5.013	VV	604	7799	0.16%	0.006%
125	5.041	5.013	5.064	VV	536	11096	0.23%	0.009%
126	5.089	5.064	5.113	VV	977	16254	0.33%	0.013%
127	5.118	5.113	5.132	VV	183	1337	0.03%	0.001%
128	5.159	5.132	5.189	VV	474	6724	0.14%	0.005%
129	5.194	5.189	5.203	VV	147	803	0.02%	0.001%
130	5.207	5.203	5.211	PV	86	240	0.00%	0.000%
131	5.217	5.211	5.229	VV	92	458	0.01%	0.000%
132	5.253	5.229	5.272	VV	182	2843	0.06%	0.002%
133	5.288	5.272	5.314	VV	390	5636	0.12%	0.004%
134	5.335	5.314	5.351	VV	451	5896	0.12%	0.005%
135	5.368	5.351	5.385	VV	721	8688	0.18%	0.007%
136	5.399	5.385	5.435	VV	613	8553	0.18%	0.007%
137	5.444	5.435	5.459	VV	82	775	0.02%	0.001%
138	5.463	5.459	5.472	VV	79	461	0.01%	0.000%
139	5.499	5.472	5.508	VV	281	3715	0.08%	0.003%
140	5.523	5.508	5.547	VV	533	6616	0.14%	0.005%
141	5.568	5.547	5.581	VV	529	7196	0.15%	0.006%

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142	5.596	5.581	5.615	VV	611	7392	0.15%	0.006%
143	5.621	5.615	5.632	VV	168	1366		
144	5.636	5.632	5.646	VV	135	1086		
145	5.659	5.646	5.677	VV	288	2990		
146	5.688	5.677	5.700	VV	135	1059		
147	5.717	5.700	5.770	VV	1321	27531		
148	5.782	5.770	5.808	VV	169	2393	0.05%	0.002%
149	5.812	5.808	5.817	VV	86	368	0.01%	0.000%
150	5.839	5.817	5.871	VV	330	5572	0.11%	0.004%
151	5.876	5.871	5.882	VV	90	416	0.01%	0.000%
152	5.903	5.882	5.931	VV	715	10711	0.22%	0.009%
153	5.941	5.931	5.957	VV	324	3032	0.06%	0.002%
154	5.984	5.957	5.995	VV	344	4402	0.09%	0.004%
155	6.011	5.995	6.026	VV	1023	12414	0.25%	0.010%
156	6.032	6.026	6.056	VV	589	6525	0.13%	0.005%
157	6.069	6.056	6.091	VV	375	4644	0.10%	0.004%
158	6.108	6.091	6.126	VV	1005	11010	0.23%	0.009%
159	6.131	6.126	6.136	VV	222	1204	0.02%	0.001%
160	6.142	6.136	6.172	VV	235	3600	0.07%	0.003%
161	6.198	6.172	6.218	VV	524	7033	0.14%	0.006%
162	6.251	6.218	6.274	VV	479	9900	0.20%	0.008%
163	6.293	6.274	6.317	VV	547	8346	0.17%	0.007%
164	6.329	6.317	6.368	VV	552	9553	0.20%	0.008%
165	6.389	6.368	6.413	VV	387	5831	0.12%	0.005%
166	6.432	6.413	6.451	VV	691	10899	0.22%	0.009%
167	6.455	6.451	6.467	VV	537	4629	0.10%	0.004%
168	6.478	6.467	6.502	VV	504	7456	0.15%	0.006%
169	6.521	6.502	6.543	VV	623	8707	0.18%	0.007%
170	6.546	6.543	6.551	VV	337	1633	0.03%	0.001%
171	6.585	6.551	6.606	VV	523	12279	0.25%	0.010%
172	6.635	6.606	6.647	VV	213	4402	0.09%	0.004%
173	6.650	6.647	6.654	VV	209	791	0.02%	0.001%
174	6.676	6.654	6.708	VV	830	12805	0.26%	0.010%
175	6.716	6.708	6.727	VV	147	1066	0.02%	0.001%
176	6.749	6.727	6.810	VV	935	16086	0.33%	0.013%
177	6.833	6.810	6.850	VV	232	3552	0.07%	0.003%
178	6.864	6.850	6.884	VV	398	5064	0.10%	0.004%
179	6.901	6.884	6.932	VV	405	5768	0.12%	0.005%
180	6.950	6.932	6.965	VV	340	4078	0.08%	0.003%
181	6.977	6.965	6.991	VV	137	1314	0.03%	0.001%
182	7.011	6.991	7.017	VV	208	2351	0.05%	0.002%
183	7.034	7.017	7.055	VV	688	7497	0.15%	0.006%
184	7.076	7.055	7.082	PV	189	1911	0.04%	0.002%
185	7.095	7.082	7.129	VV	225	4003	0.08%	0.003%
186	7.157	7.129	7.182	VV	1394	17076	0.35%	0.014%
187	7.194	7.182	7.199	VV	269	2044	0.04%	0.002%
188	7.238	7.199	7.246	VV	519	8890	0.18%	0.007%
189	7.250	7.246	7.260	VV	444	3696	0.08%	0.003%
190	7.283	7.260	7.303	VV	730	13169	0.27%	0.010%
191	7.323	7.303	7.355	VV	1011	16992	0.35%	0.014%
192	7.389	7.355	7.415	VV	1741	28899	0.59%	0.023%
193	7.430	7.415	7.453	VV	510	8962	0.18%	0.007%
194	7.469	7.453	7.507	VV	853	16272	0.33%	0.013%

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195	7.526	7.507	7.552	VV	1793	23233	0.48%	0.018%
196	7.565	7.552	7.580	VV	430	5087		
197	7.596	7.580	7.617	VV	271	4654		
198	7.676	7.617	7.684	VV	1267	19581		
199	7.696	7.684	7.722	VV	1746	23284		
200	7.735	7.722	7.755	VV	574	9389		
201	7.772	7.755	7.810	VV	526	11107	0.23%	0.009%
202	7.822	7.810	7.849	VV	280	5097	0.10%	0.004%
203	7.872	7.849	7.884	VV	784	10543	0.22%	0.008%
204	7.890	7.884	7.909	VV	583	6265	0.13%	0.005%
205	7.927	7.909	7.952	VV	483	6170	0.13%	0.005%
206	7.977	7.952	7.987	PV	233	2809	0.06%	0.002%
207	7.994	7.987	8.002	VV	213	1499	0.03%	0.001%
208	8.014	8.002	8.024	VV	409	3938	0.08%	0.003%
209	8.032	8.024	8.052	VV	293	3723	0.08%	0.003%
210	8.069	8.052	8.074	VV	254	2480	0.05%	0.002%
211	8.086	8.074	8.099	VV	234	3126	0.06%	0.002%
212	8.129	8.099	8.165	VV	1007	20270	0.42%	0.016%
213	8.171	8.165	8.202	VV	433	7114	0.15%	0.006%
214	8.222	8.202	8.242	VV	501	7710	0.16%	0.006%
215	8.287	8.242	8.300	VV	977	19927	0.41%	0.016%
216	8.310	8.300	8.323	VV	953	10873	0.22%	0.009%
217	8.331	8.323	8.368	VV	722	11530	0.24%	0.009%
218	8.398	8.368	8.436	VV	1562	33759	0.69%	0.027%
219	8.505	8.436	8.521	VV	2747	47241	0.97%	0.038%
220	8.533	8.521	8.550	VV	1754	22173	0.46%	0.018%
221	8.578	8.550	8.612	VV	2203	40930	0.84%	0.033%
222	8.619	8.612	8.639	VV	576	7355	0.15%	0.006%
223	8.670	8.639	8.719	VV	1353	42026	0.86%	0.033%
224	8.742	8.719	8.760	VV	764	14293	0.29%	0.011%
225	8.781	8.760	8.794	VV	957	13972	0.29%	0.011%
226	8.804	8.794	8.844	VV	759	12594	0.26%	0.010%
227	8.871	8.844	8.885	VV	232	3396	0.07%	0.003%
228	8.891	8.885	8.896	VV	138	782	0.02%	0.001%
229	8.902	8.896	8.922	VV	180	1897	0.04%	0.002%
230	8.945	8.922	8.965	VV	579	10199	0.21%	0.008%
231	8.989	8.965	9.016	VV	8438	94507	1.94%	0.075%
232	9.037	9.016	9.055	VV	1480	23701	0.49%	0.019%
233	9.073	9.055	9.080	VV	680	9485	0.19%	0.008%
234	9.117	9.080	9.143	VV	1285	29782	0.61%	0.024%
235	9.152	9.143	9.159	VV	381	3282	0.07%	0.003%
236	9.181	9.159	9.203	VV	506	10285	0.21%	0.008%
237	9.207	9.203	9.212	VV	320	1614	0.03%	0.001%
238	9.232	9.212	9.247	VV	2053	25624	0.53%	0.020%
239	9.265	9.247	9.290	VV	5584	63454	1.30%	0.051%
240	9.305	9.290	9.316	VV	883	11483	0.24%	0.009%
241	9.323	9.316	9.336	VV	763	8521	0.17%	0.007%
242	9.356	9.336	9.374	VV	898	14842	0.30%	0.012%
243	9.406	9.374	9.429	VV	3350	47654	0.98%	0.038%
244	9.445	9.429	9.483	VV	1579	24369	0.50%	0.019%
245	9.490	9.483	9.522	VV	270	3888	0.08%	0.003%
246	9.560	9.522	9.577	PV	1302	15682	0.32%	0.012%

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Parameters									
247	9.592	9.577	9.625	VV	1175	14517	0.30%	0.012%	
248	9.643	9.625	9.656	VV	204	2490			
249	9.697	9.656	9.720	VV	1413	22615			
250	9.740	9.720	9.757	VV	776	10960			
251	9.781	9.757	9.836	VV	12077	149452			
252	9.861	9.836	9.889	VV	1709	32336			
253	9.903	9.889	9.915	VV	1215	14501	0.30%	0.012%	
254	9.933	9.915	9.949	VV	2777	36136	0.74%	0.029%	
255	9.960	9.949	9.976	VV	1777	21016	0.43%	0.017%	
256	9.993	9.976	10.012	VV	1965	27358	0.56%	0.022%	
257	10.022	10.012	10.035	VV	860	9422	0.19%	0.008%	
258	10.059	10.035	10.087	VV	14416	163656	3.36%	0.130%	
259	10.105	10.087	10.143	VV	2713	48812	1.00%	0.039%	
260	10.154	10.143	10.167	VV	980	12668	0.26%	0.010%	
261	10.191	10.167	10.253	VV	3549	85558	1.76%	0.068%	
262	10.270	10.253	10.282	VV	714	9002	0.18%	0.007%	
263	10.297	10.282	10.327	VV	747	12964	0.27%	0.010%	
264	10.346	10.327	10.352	VV	488	6019	0.12%	0.005%	
265	10.372	10.352	10.447	VV	690	18356	0.38%	0.015%	
266	10.470	10.447	10.486	PV	994	11166	0.23%	0.009%	
267	10.491	10.486	10.504	VV	288	2615	0.05%	0.002%	
268	10.530	10.504	10.558	VV	959	15950	0.33%	0.013%	
269	10.579	10.558	10.600	VV	1453	20506	0.42%	0.016%	
270	10.634	10.600	10.647	VV	1586	24789	0.51%	0.020%	
271	10.667	10.647	10.689	VV	3163	44126	0.91%	0.035%	
272	10.708	10.689	10.749	VV	2032	29448	0.60%	0.023%	
273	10.785	10.749	10.825	VV	1961	38406	0.79%	0.031%	
274	10.846	10.825	10.872	VV	1124	22134	0.45%	0.018%	
275	10.884	10.872	10.898	VV	831	10306	0.21%	0.008%	
276	10.929	10.898	10.945	VV	3024	43285	0.89%	0.034%	
277	10.956	10.945	10.968	VV	1512	16456	0.34%	0.013%	
278	10.994	10.968	11.035	VV	4936	88751	1.82%	0.071%	
279	11.067	11.035	11.076	VV	914	12062	0.25%	0.010%	
280	11.088	11.076	11.106	VV	758	8978	0.18%	0.007%	
281	11.120	11.106	11.126	VV	318	2710	0.06%	0.002%	
282	11.129	11.126	11.137	VV	269	1616	0.03%	0.001%	
283	11.157	11.137	11.166	VV	1335	14111	0.29%	0.011%	
284	11.191	11.166	11.239	VV	74897	819733	16.83%	0.653%	
285	11.265	11.239	11.290	VV	37265	415339	8.53%	0.331%	
286	11.295	11.290	11.335	VV	2579	40098	0.82%	0.032%	
287	11.340	11.335	11.376	VV	677	13447	0.28%	0.011%	
288	11.383	11.376	11.391	VV	448	3737	0.08%	0.003%	
289	11.401	11.391	11.422	VV	411	4775	0.10%	0.004%	
290	11.440	11.422	11.458	PV	832	10101	0.21%	0.008%	
291	11.483	11.458	11.522	VV	10405	131941	2.71%	0.105%	
292	11.557	11.522	11.572	VV	725	16454	0.34%	0.013%	
293	11.588	11.572	11.610	VV	1045	17695	0.36%	0.014%	
294	11.635	11.610	11.655	VV	2731	38505	0.79%	0.031%	
295	11.666	11.655	11.674	VV	779	7737	0.16%	0.006%	
296	11.683	11.674	11.694	VV	759	8837	0.18%	0.007%	
297	11.720	11.694	11.761	VV	3076	55510	1.14%	0.044%	
298	11.788	11.761	11.809	VV	902	13728	0.28%	0.011%	
299	11.847	11.809	11.867	PV	1216	17827	0.37%	0.014%	

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300	11.898	11.867	11.940	VV	770	21474	0.44%	0.017%
301	11.952	11.940	11.965	VV	434	4739		
302	11.996	11.965	12.011	VV	6427	76480		
303	12.028	12.011	12.063	VV	8619	100000		
304	12.112	12.063	12.130	VV	9238	148978		
305	12.146	12.130	12.159	VV	4278	49309		
306	12.176	12.159	12.205	VV	6045	76048	1.56%	0.061%
307	12.223	12.205	12.235	PV	613	5229	0.11%	0.004%
308	12.260	12.235	12.277	VV	1079	15026	0.31%	0.012%
309	12.307	12.277	12.336	VV	2324	41523	0.85%	0.033%
310	12.358	12.336	12.379	VV	5026	61457	1.26%	0.049%
311	12.402	12.379	12.443	VV	1545	28683	0.59%	0.023%
312	12.467	12.443	12.490	VV	3907	46448	0.95%	0.037%
313	12.500	12.490	12.519	VV	546	6740	0.14%	0.005%
314	12.555	12.519	12.598	VV	13059	177269	3.64%	0.141%
315	12.616	12.598	12.631	VV	1036	13432	0.28%	0.011%
316	12.645	12.631	12.662	VV	607	8584	0.18%	0.007%
317	12.678	12.662	12.690	VV	646	8596	0.18%	0.007%
318	12.721	12.690	12.731	VV	1047	17713	0.36%	0.014%
319	12.744	12.731	12.762	VV	935	11797	0.24%	0.009%
320	12.790	12.762	12.830	VV	1717	31986	0.66%	0.025%
321	12.868	12.830	12.879	PV	1250	19237	0.40%	0.015%
322	12.900	12.879	12.919	VV	4424	58688	1.21%	0.047%
323	12.946	12.919	12.982	VV	3635	82466	1.69%	0.066%
324	13.016	12.982	13.060	VV	82807	940372	19.31%	0.749%
325	13.080	13.060	13.099	VV	1141	14337	0.29%	0.011%
326	13.118	13.099	13.132	VV	512	5911	0.12%	0.005%
327	13.144	13.132	13.156	VV	625	7313	0.15%	0.006%
328	13.173	13.156	13.181	VV	1361	14671	0.30%	0.012%
329	13.203	13.181	13.222	VV	3202	48813	1.00%	0.039%
330	13.245	13.222	13.288	VV	1246	30837	0.63%	0.025%
331	13.316	13.288	13.351	PV	61976	686097	14.09%	0.546%
332	13.377	13.351	13.395	VV	29904	395283	8.12%	0.315%
333	13.402	13.395	13.419	VV	10971	128538	2.64%	0.102%
334	13.436	13.419	13.461	VV	12777	171795	3.53%	0.137%
335	13.488	13.461	13.502	VV	2676	44539	0.91%	0.035%
336	13.518	13.502	13.541	VV	3127	42114	0.86%	0.034%
337	13.584	13.541	13.602	PV	5516	94348	1.94%	0.075%
338	13.616	13.602	13.643	VV	3376	67130	1.38%	0.053%
339	13.661	13.643	13.685	VV	2850	43897	0.90%	0.035%
340	13.713	13.685	13.752	VV	2159	35876	0.74%	0.029%
341	13.785	13.752	13.844	VV	3978	87672	1.80%	0.070%
342	13.906	13.844	13.941	PV	13123	182093	3.74%	0.145%
343	13.972	13.941	13.987	VV	1145	16895	0.35%	0.013%
344	14.014	13.987	14.037	VV	11079	141664	2.91%	0.113%
345	14.055	14.037	14.080	VV	3624	51081	1.05%	0.041%
346	14.096	14.080	14.115	VV	1935	26929	0.55%	0.021%
347	14.151	14.115	14.170	VV	3267	61895	1.27%	0.049%
348	14.185	14.170	14.207	VV	3673	50122	1.03%	0.040%
349	14.226	14.207	14.267	VV	2707	42299	0.87%	0.034%
350	14.280	14.267	14.285	VV	496	4438	0.09%	0.004%
351	14.304	14.285	14.320	VV	638	8493	0.17%	0.007%

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					retention			
352	14.338	14.320	14.352	PV	446	5111	0.10%	0.004%
353	14.389	14.352	14.404	VV	756	18673	0.00%	0.000%
354	14.448	14.404	14.459	VV	723	19340	0.00%	0.000%
355	14.483	14.459	14.522	VV	1706	31649	0.00%	0.000%
356	14.615	14.522	14.634	VV	2609	87748	1.15%	0.044%
357	14.645	14.634	14.681	VV	1525	31132	0.60%	0.023%
358	14.714	14.681	14.734	VV	3117	55884	0.44%	0.017%
359	14.750	14.734	14.764	VV	1979	29446	0.44%	0.017%
360	14.767	14.764	14.796	VV	1453	21248	0.44%	0.017%
361	14.824	14.796	14.863	VV	3957	76136	1.56%	0.061%
362	14.886	14.863	14.912	VV	6666	96272	1.98%	0.077%
363	14.929	14.912	14.990	VV	2632	61815	1.27%	0.049%
364	15.011	14.990	15.023	VV	917	13638	0.28%	0.011%
365	15.052	15.023	15.123	VV	18195	285678	5.87%	0.227%
366	15.151	15.123	15.169	VV	1677	20168	0.41%	0.016%
367	15.199	15.169	15.220	VV	26445	324169	6.66%	0.258%
368	15.241	15.220	15.274	VV	22082	307640	6.32%	0.245%
369	15.296	15.274	15.315	VV	1015	16441	0.34%	0.013%
370	15.363	15.315	15.410	VV	5137	100948	2.07%	0.080%
371	15.415	15.410	15.421	VV	780	4690	0.10%	0.004%
372	15.445	15.421	15.480	VV	2725	43846	0.90%	0.035%
373	15.506	15.480	15.529	PV	2939	43793	0.90%	0.035%
374	15.563	15.529	15.610	VV	1266	39842	0.82%	0.032%
375	15.646	15.610	15.705	PV	6256	135539	2.78%	0.108%
376	15.716	15.705	15.727	VV	313	3426	0.07%	0.003%
377	15.791	15.727	15.813	PV	2611	61870	1.27%	0.049%
378	15.875	15.813	15.895	VV	4265	89466	1.84%	0.071%
379	15.916	15.895	15.935	VV	2247	34423	0.71%	0.027%
380	15.960	15.935	15.983	VV	1914	32022	0.66%	0.025%
381	16.037	15.983	16.067	VV	4020	106762	2.19%	0.085%
382	16.114	16.067	16.124	VV	1939	54473	1.12%	0.043%
383	16.168	16.124	16.177	VV	1720	42943	0.88%	0.034%
384	16.201	16.177	16.215	VV	2160	39904	0.82%	0.032%
385	16.237	16.215	16.253	VV	1955	38744	0.80%	0.031%
386	16.280	16.253	16.299	VV	3948	74430	1.53%	0.059%
387	16.315	16.299	16.332	VV	1981	35197	0.72%	0.028%
388	16.343	16.332	16.359	VV	1627	21634	0.44%	0.017%
389	16.374	16.359	16.379	VV	1446	15187	0.31%	0.012%
390	16.383	16.379	16.392	VV	1221	8485	0.17%	0.007%
391	16.411	16.392	16.429	VV	1360	23432	0.48%	0.019%
392	16.488	16.429	16.507	VV	2214	70177	1.44%	0.056%
393	16.516	16.507	16.524	VV	1101	9882	0.20%	0.008%
394	16.575	16.524	16.580	VV	2287	52720	1.08%	0.042%
395	16.584	16.580	16.595	VV	2225	16943	0.35%	0.013%
396	16.609	16.595	16.617	VV	1362	18153	0.37%	0.014%
397	16.621	16.617	16.631	VV	1161	8663	0.18%	0.007%
398	16.673	16.631	16.708	VV	2570	66569	1.37%	0.053%
399	16.720	16.708	16.727	VV	366	2086	0.04%	0.002%
400	16.764	16.727	16.783	PV	17473	244874	5.03%	0.195%
401	16.791	16.783	16.824	VV	6461	72243	1.48%	0.058%
402	16.842	16.824	16.854	PV	928	6662	0.14%	0.005%
403	16.894	16.854	16.915	VV	3096	32309	0.66%	0.026%
404	16.934	16.915	16.938	VV	228	1850	0.04%	0.001%

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405	16.954	16.938	16.960	PV	938	8059	0.17%	0.006%
406	16.981	16.960	16.994	VV	1035	15089		
407	17.009	16.994	17.017	VV	624	4951		
408	17.033	17.017	17.039	VV	292	2146		
409	17.086	17.039	17.108	PV	8022	123913		
410	17.145	17.108	17.175	VV	11851	182126		
411	17.245	17.175	17.256	VV	5393	172546	3.54%	0.137%
412	17.279	17.256	17.321	VV	10667	221298	4.54%	0.176%
413	17.351	17.321	17.360	VV	1826	43758	0.90%	0.035%
414	17.401	17.360	17.406	VV	2749	55413	1.14%	0.044%
415	17.416	17.406	17.426	VV	2375	27231	0.56%	0.022%
416	17.433	17.426	17.444	VV	2400	20234	0.42%	0.016%
417	17.482	17.444	17.489	VV	2939	61614	1.27%	0.049%
418	17.506	17.489	17.515	VV	3247	42397	0.87%	0.034%
419	17.523	17.515	17.528	VV	3154	22273	0.46%	0.018%
420	17.558	17.528	17.580	VV	3572	85726	1.76%	0.068%
421	17.683	17.580	17.700	VV	5524	164789	3.38%	0.131%
422	17.713	17.700	17.725	VV	2174	20941	0.43%	0.017%
423	17.735	17.725	17.746	VV	2234	20564	0.42%	0.016%
424	17.767	17.746	17.779	VV	2946	39382	0.81%	0.031%
425	17.808	17.779	17.831	VV	4666	96795	1.99%	0.077%
426	17.864	17.831	17.874	VV	4996	88246	1.81%	0.070%
427	17.887	17.874	17.900	VV	3710	48806	1.00%	0.039%
428	17.927	17.900	17.933	VV	3029	50929	1.05%	0.041%
429	17.965	17.933	17.975	VV	4018	81069	1.66%	0.065%
430	17.982	17.975	17.987	VV	2522	17281	0.35%	0.014%
431	17.997	17.987	18.002	VV	3654	26032	0.53%	0.021%
432	18.011	18.002	18.015	VV	3838	27438	0.56%	0.022%
433	18.031	18.015	18.037	VV	5084	58302	1.20%	0.046%
434	18.103	18.037	18.107	VV	8124	271060	5.57%	0.216%
435	18.122	18.107	18.147	VV	10689	195660	4.02%	0.156%
436	18.152	18.147	18.160	VV	5691	41712	0.86%	0.033%
437	18.172	18.160	18.184	VV	7977	95004	1.95%	0.076%
438	18.204	18.184	18.222	VV	7272	137738	2.83%	0.110%
439	18.281	18.222	18.292	VV	10463	314693	6.46%	0.251%
440	18.297	18.292	18.306	VV	9263	71010	1.46%	0.057%
441	18.315	18.306	18.319	VV	8887	70291	1.44%	0.056%
442	18.326	18.319	18.332	VV	8896	63760	1.31%	0.051%
443	18.337	18.332	18.346	VV	8190	59898	1.23%	0.048%
444	18.379	18.346	18.389	VV	9841	204967	4.21%	0.163%
445	18.398	18.389	18.412	VV	9264	113419	2.33%	0.090%
446	18.433	18.412	18.440	VV	10070	142111	2.92%	0.113%
447	18.455	18.440	18.467	VV	11688	171492	3.52%	0.137%
448	18.477	18.467	18.482	VV	12297	106532	2.19%	0.085%
449	18.500	18.482	18.505	VV	15014	192790	3.96%	0.153%
450	18.518	18.505	18.530	VV	15852	213217	4.38%	0.170%
451	18.549	18.530	18.572	VV	15167	317982	6.53%	0.253%
452	18.590	18.572	18.596	VV	10569	145728	2.99%	0.116%
453	18.609	18.596	18.620	VV	12941	167789	3.45%	0.134%
454	18.642	18.620	18.656	VV	18666	342883	7.04%	0.273%
455	18.660	18.656	18.670	VV	16040	127680	2.62%	0.102%
456	18.685	18.670	18.705	VV	16523	311390	6.39%	0.248%

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457	18.715	18.705	18.722	VV	14627	145614	2.99%	0.116%
458	18.728	18.722	18.732	VV	14654	81988		
459	18.741	18.732	18.748	VV	14811	133103		
460	18.778	18.748	18.804	VV	18356	549902	11.33%	0.439%
461	18.820	18.804	18.825	VV	16971	202705	4.48%	0.174%
462	18.829	18.825	18.836	VV	16573	101484	2.43%	0.094%
463	18.842	18.836	18.849	VV	15931	118243	2.43%	0.094%
464	18.856	18.849	18.867	VV	16212	164533	3.38%	0.131%
465	18.877	18.867	18.886	VV	15969	172286	3.54%	0.137%
466	18.911	18.886	18.923	VV	17594	352984	7.25%	0.281%
467	18.957	18.923	18.978	VV	20237	551600	11.33%	0.439%
468	18.993	18.978	18.999	VV	15217	179808	3.69%	0.143%
469	19.022	18.999	19.028	VV	16052	258297	5.30%	0.206%
470	19.046	19.028	19.054	VV	20294	276588	5.68%	0.220%
471	19.070	19.054	19.084	VV	20733	353609	7.26%	0.281%
472	19.114	19.084	19.127	VV	25379	559060	11.48%	0.445%
473	19.142	19.127	19.154	VV	25067	392390	8.06%	0.312%
474	19.165	19.154	19.170	VV	25121	227621	4.67%	0.181%
475	19.211	19.170	19.221	VV	27501	775539	15.92%	0.617%
476	19.243	19.221	19.258	VV	29222	612526	12.58%	0.488%
477	19.264	19.258	19.273	VV	27120	238620	4.90%	0.190%
478	19.294	19.273	19.300	VV	29415	443900	9.11%	0.353%
479	19.309	19.300	19.314	VV	30429	248786	5.11%	0.198%
480	19.322	19.314	19.330	VV	31318	284175	5.84%	0.226%
481	19.353	19.330	19.367	VV	31613	671280	13.78%	0.534%
482	19.390	19.367	19.396	VV	33796	533865	10.96%	0.425%
483	19.401	19.396	19.407	VV	33220	218125	4.48%	0.174%
484	19.423	19.407	19.432	VV	33313	469282	9.64%	0.374%
485	19.458	19.432	19.464	VV	39583	680718	13.98%	0.542%
486	19.470	19.464	19.479	VV	39161	365265	7.50%	0.291%
487	19.486	19.479	19.490	VV	37053	235468	4.84%	0.187%
488	19.508	19.490	19.517	VV	40334	626251	12.86%	0.499%
489	19.536	19.517	19.543	VV	44980	679774	13.96%	0.541%
490	19.558	19.543	19.562	VV	45915	505637	10.38%	0.403%
491	19.572	19.562	19.579	VV	47158	451643	9.27%	0.360%
492	19.584	19.579	19.594	VV	47940	415631	8.53%	0.331%
493	19.598	19.594	19.605	VV	45770	299599	6.15%	0.238%
494	19.611	19.605	19.629	VV	44029	608984	12.50%	0.485%
495	19.678	19.629	19.685	VV	47523	1457493	29.93%	1.160%
496	19.699	19.685	19.705	VV	47015	562206	11.54%	0.448%
497	19.714	19.705	19.722	VV	48462	467679	9.60%	0.372%
498	19.732	19.722	19.737	VV	50782	424422	8.71%	0.338%
499	19.745	19.737	19.756	VV	51840	582358	11.96%	0.464%
500	19.771	19.756	19.788	VV	53005	944135	19.39%	0.752%
501	19.796	19.788	19.800	VV	50900	374694	7.69%	0.298%
502	19.810	19.800	19.827	VV	54673	797319	16.37%	0.635%
503	19.849	19.827	19.854	VV	55714	858237	17.62%	0.683%
504	19.864	19.854	19.871	VV	58966	574015	11.79%	0.457%
505	19.881	19.871	19.892	VV	57577	691227	14.19%	0.550%
506	19.897	19.892	19.903	VV	55771	379501	7.79%	0.302%
507	19.925	19.903	19.937	VV	63761	1188050	24.39%	0.946%
508	19.943	19.937	19.947	VV	63848	383766	7.88%	0.305%
509	19.957	19.947	19.968	VV	63737	786932	16.16%	0.626%

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510	19.974	19.968	19.979	VV	58921	356070	7.31%	0.283%
511	19.990	19.979	19.995	VV	61948	595506	12.45%	0.793%
512	20.003	19.995	20.019	VV	64298	886994	18.45%	1.414%
513	20.023	20.019	20.031	VV	61156	431176	8.45%	0.834%
514	20.037	20.031	20.055	VV	60354	847805	17.45%	1.202%
515	20.063	20.055	20.072	VV	60379	599021	12.45%	1.316%
516	20.078	20.072	20.083	VV	59111	387512	7.96%	0.793%
517	20.105	20.083	20.110	VV	64548	995866	20.45%	1.414%
518	20.123	20.110	20.157	VV	68275	1776069	36.47%	0.834%
519	20.170	20.157	20.183	VV	69346	1047597	21.51%	0.362%
520	20.189	20.183	20.194	VV	68244	454461	9.33%	1.077%
521	20.219	20.194	20.227	VV	72305	1353084	27.78%	2.154%
522	20.273	20.227	20.286	VV	83863	2705546	55.55%	0.457%
523	20.290	20.286	20.298	VV	82808	574621	11.80%	0.926%
524	20.316	20.298	20.322	VV	80858	1163221	23.89%	1.202%
525	20.332	20.322	20.355	VV	81605	1510216	31.01%	1.316%
526	20.369	20.355	20.391	VV	77667	1653791	33.96%	1.235%
527	20.402	20.391	20.427	VV	75439	1551552	31.86%	3.077%
528	20.491	20.427	20.507	VV	98230	3865637	79.38%	0.856%
529	20.512	20.507	20.526	VV	94199	1074715	22.07%	2.721%
530	20.566	20.526	20.583	VV	104802	3417941	70.18%	2.054%
531	20.591	20.583	20.629	VV	102357	2580738	52.99%	0.987%
532	20.644	20.629	20.652	VV	90061	1239427	25.45%	1.096%
533	20.661	20.652	20.678	VV	89684	1376767	28.27%	0.558%
534	20.686	20.678	20.692	VV	90952	700541	14.38%	2.838%
535	20.744	20.692	20.752	VV	106348	3565189	73.21%	1.285%
536	20.771	20.752	20.778	VV	105784	1614170	33.14%	1.785%
537	20.783	20.778	20.815	VV	105636	2242221	46.04%	0.673%
538	20.820	20.815	20.830	VV	96746	845737	17.37%	1.647%
539	20.842	20.830	20.867	VV	98779	2069556	42.50%	2.085%
540	20.891	20.867	20.917	VV	91161	2619062	53.78%	0.520%
541	20.921	20.917	20.930	VV	84366	653161	13.41%	0.599%
542	20.937	20.930	20.946	VV	82759	751919	15.44%	1.106%
543	20.968	20.946	20.973	VV	89589	1389094	28.52%	1.320%
544	20.986	20.973	21.004	VV	91662	1657705	34.04%	1.074%
545	21.019	21.004	21.029	VV	90390	1348933	27.70%	3.877%
546	21.044	21.029	21.131	VV	91428	4870065	100.00%	0.545%
547	21.135	21.131	21.150	VV	59678	684053	14.05%	0.286%
548	21.154	21.150	21.161	VV	58560	359625	7.38%	0.583%
549	21.177	21.161	21.182	VV	58839	731951	15.03%	1.091%
550	21.203	21.182	21.218	VV	66652	1370530	28.14%	0.904%
551	21.242	21.218	21.247	VV	68834	1135455	23.31%	0.697%
552	21.260	21.247	21.268	VV	70367	875999	17.99%	1.529%
553	21.300	21.268	21.312	VV	75769	1920550	39.44%	0.569%
554	21.324	21.312	21.328	VV	75646	714178	14.66%	1.341%
555	21.333	21.328	21.366	VV	75576	1685018	34.60%	2.259%
556	21.373	21.366	21.454	VV	70528	2838262	58.28%	0.650%
557	21.478	21.454	21.487	VV	44089	817012	16.78%	0.388%
558	21.496	21.487	21.507	VV	41799	487633	10.01%	1.095%
559	21.547	21.507	21.559	VV	47730	1375132	28.24%	0.345%
560	21.564	21.559	21.575	VV	44782	432903	8.89%	0.375%
561	21.581	21.575	21.594	VV	42730	470522	9.66%	

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rteres									
562	21.608	21.594	21.614	VV	41707	475280	9.76%	0.378%	
563	21.624	21.614	21.637	VV	42227	580457	11.82%	0.458%	
564	21.658	21.637	21.675	VV	46535	1000117	20.00%	0.754%	
565	21.681	21.675	21.704	VV	43308	718504	14.44%	0.538%	
566	21.708	21.704	21.740	VV	41011	782868	16.28%	0.631%	
567	21.746	21.740	21.753	VV	31145	239420	4.44%	0.168%	
568	21.759	21.753	21.768	VV	30632	261085	5.36%	0.208%	
569	21.805	21.768	21.810	VV	34983	793090	16.28%	0.631%	
570	21.852	21.810	21.865	VV	40657	1233587	25.33%	0.982%	
571	21.872	21.865	21.905	VV	39866	873758	17.94%	0.696%	
572	21.920	21.905	21.937	VV	31120	575768	11.82%	0.458%	
573	21.942	21.937	21.960	VV	27026	361361	7.42%	0.288%	
574	21.963	21.960	22.011	VV	25283	645575	13.26%	0.514%	
575	22.016	22.011	22.020	VV	18679	99681	2.05%	0.079%	
576	22.032	22.020	22.065	VV	19141	395244	8.12%	0.315%	
577	22.079	22.065	22.084	VV	9760	99357	2.04%	0.079%	
578	22.088	22.084	22.109	VV	8988	75407	1.55%	0.060%	
579	22.231	22.109	22.300	PBA	19643	1246856	25.60%	0.993%	
Sum of corrected areas:					125621301				

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