

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092722\
 Data File : FG010694.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2022 13:39
 Sample : N4733-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092622.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.605	1.598	1.676	BV	8280	189208	0.24%	0.030%
2	1.692	1.676	1.727	VV	3550	82527	0.11%	0.013%
3	1.738	1.727	1.753	VV	2100	30510	0.04%	0.005%
4	1.789	1.753	1.926	VV	106932	2119391	2.73%	0.331%
5	1.938	1.926	1.941	VV	1166	10504	0.01%	0.002%
6	1.946	1.941	1.958	VV	1160	11271	0.01%	0.002%
7	1.971	1.958	2.028	VV	2126	65610	0.08%	0.010%
8	2.049	2.028	2.088	VV	6174	116633	0.15%	0.018%
9	2.106	2.088	2.192	VV	2278	86173	0.11%	0.013%
10	2.204	2.192	2.234	VV	948	22709	0.03%	0.004%
11	2.239	2.234	2.246	VV	897	6386	0.01%	0.001%
12	2.258	2.246	2.262	VV	913	8194	0.01%	0.001%
13	2.275	2.262	2.289	VV	924	14113	0.02%	0.002%
14	2.297	2.289	2.310	VV	869	10810	0.01%	0.002%
15	2.329	2.310	2.333	VV	966	12341	0.02%	0.002%
16	2.337	2.333	2.354	VV	920	10386	0.01%	0.002%
17	2.372	2.354	2.413	VV	1148	30484	0.04%	0.005%
18	2.454	2.413	2.502	VV	1464	50710	0.07%	0.008%
19	2.522	2.502	2.545	VV	1127	24057	0.03%	0.004%
20	2.562	2.545	2.572	VV	952	14313	0.02%	0.002%
21	2.574	2.572	2.591	VV	860	8682	0.01%	0.001%
22	2.596	2.591	2.601	VV	803	4481	0.01%	0.001%
23	2.608	2.601	2.618	VV	812	8263	0.01%	0.001%
24	2.638	2.618	2.653	VV	1537	25521	0.03%	0.004%
25	2.674	2.653	2.702	VV	1713	43413	0.06%	0.007%
26	2.710	2.702	2.738	VV	1366	25712	0.03%	0.004%
27	2.762	2.738	2.837	VV	1954	68465	0.09%	0.011%
28	2.851	2.837	2.859	VV	853	10356	0.01%	0.002%
29	2.879	2.859	2.930	VV	1458	41995	0.05%	0.007%
30	2.935	2.930	2.939	VV	680	3507	0.00%	0.001%
31	2.959	2.939	2.987	VV	1069	23641	0.03%	0.004%
32	2.991	2.987	3.001	VV	645	5062	0.01%	0.001%
33	3.030	3.001	3.120	VV	2770	79379	0.10%	0.012%
34	3.146	3.120	3.151	VV	788	13023	0.02%	0.002%
35	3.155	3.151	3.169	VV	745	7680	0.01%	0.001%
36	3.174	3.169	3.179	VV	686	3813	0.00%	0.001%

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37	3.244	3.179	3.277	VV	1005	47659	0.06%	0.007%
38	3.279	3.277	3.291	VV	691	5498	0.01%	0.001%
39	3.295	3.291	3.299	VV	683	3308	0.00%	0.001%
40	3.314	3.299	3.320	VV	788	9135	0.01%	0.001%
41	3.342	3.320	3.354	VV	996	17933	0.02%	0.003%
42	3.373	3.354	3.396	VV	1276	27291	0.04%	0.004%
43	3.409	3.396	3.445	VV	1151	23283	0.03%	0.004%
44	3.472	3.445	3.499	VV	1185	24895	0.03%	0.004%
45	3.522	3.499	3.543	VV	917	18752	0.02%	0.003%
46	3.554	3.543	3.560	VV	685	6497	0.01%	0.001%
47	3.564	3.560	3.583	VV	645	7930	0.01%	0.001%
48	3.608	3.583	3.621	VV	765	13917	0.02%	0.002%
49	3.635	3.621	3.677	VV	725	17627	0.02%	0.003%
50	3.708	3.677	3.731	VV	555	12397	0.02%	0.002%
51	3.736	3.731	3.783	VV	456	8822	0.01%	0.001%
52	3.785	3.783	3.801	VV	185	1589	0.00%	0.000%
53	3.849	3.801	3.884	VV	2206	49321	0.06%	0.008%
54	3.912	3.884	3.968	VV	3983	79186	0.10%	0.012%
55	4.002	3.968	4.008	VV	1126	19807	0.03%	0.003%
56	4.026	4.008	4.036	VV	2266	29791	0.04%	0.005%
57	4.048	4.036	4.084	VV	2453	43487	0.06%	0.007%
58	4.094	4.084	4.135	VV	825	16000	0.02%	0.002%
59	4.155	4.135	4.191	VV	486	10676	0.01%	0.002%
60	4.222	4.191	4.238	VV	449	8572	0.01%	0.001%
61	4.250	4.238	4.255	VV	344	3077	0.00%	0.000%
62	4.287	4.255	4.339	VV	272118	3084327	3.97%	0.482%
63	4.355	4.339	4.378	VV	814	14837	0.02%	0.002%
64	4.393	4.378	4.407	VV	598	8137	0.01%	0.001%
65	4.427	4.407	4.435	VV	604	8056	0.01%	0.001%
66	4.460	4.435	4.495	VV	3681	70534	0.09%	0.011%
67	4.507	4.495	4.523	VV	944	12661	0.02%	0.002%
68	4.527	4.523	4.548	VV	575	7267	0.01%	0.001%
69	4.573	4.548	4.586	VV	764	12898	0.02%	0.002%
70	4.597	4.586	4.616	VV	620	9243	0.01%	0.001%
71	4.622	4.616	4.629	VV	420	2890	0.00%	0.000%
72	4.653	4.629	4.679	VV	1046	21334	0.03%	0.003%
73	4.701	4.679	4.727	VV	979	19952	0.03%	0.003%
74	4.752	4.727	4.768	VV	964	18613	0.02%	0.003%
75	4.786	4.768	4.834	VV	1513	32986	0.04%	0.005%
76	4.843	4.834	4.847	VV	433	3085	0.00%	0.000%
77	4.860	4.847	4.888	VV	690	10409	0.01%	0.002%
78	4.931	4.888	4.974	VV	1008	27892	0.04%	0.004%
79	4.987	4.974	4.996	VV	620	7354	0.01%	0.001%
80	5.000	4.996	5.007	VV	635	3774	0.00%	0.001%
81	5.024	5.007	5.057	VV	1638	37118	0.05%	0.006%
82	5.080	5.057	5.097	VV	3195	43680	0.06%	0.007%
83	5.107	5.097	5.132	VV	1219	18382	0.02%	0.003%
84	5.146	5.132	5.155	VV	580	6705	0.01%	0.001%
85	5.169	5.155	5.188	VV	601	8825	0.01%	0.001%
86	5.200	5.188	5.210	VV	362	4174	0.01%	0.001%
87	5.231	5.210	5.257	VV	3390	45117	0.06%	0.007%
88	5.272	5.257	5.287	VV	915	13227	0.02%	0.002%
89	5.304	5.287	5.345	VV	1058	16748	0.02%	0.003%

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90	5.362	5.345	5.376	VV	694	7228	0.01%	0.001%
91	5.389	5.376	5.402	VV	269	2284	0.00%	0.000%
92	5.431	5.402	5.481	PV	3935	55520	0.07%	0.009%
93	5.521	5.481	5.564	VV	2598	50172	0.06%	0.008%
94	5.598	5.564	5.631	VV	1489	25275	0.03%	0.004%
95	5.657	5.631	5.674	VV	687	11724	0.02%	0.002%
96	5.706	5.674	5.723	VV	1385	25705	0.03%	0.004%
97	5.737	5.723	5.749	VV	1210	14578	0.02%	0.002%
98	5.761	5.749	5.782	VV	858	11609	0.01%	0.002%
99	5.804	5.782	5.837	VV	1222	19411	0.02%	0.003%
100	5.868	5.837	5.887	VV	1110	18777	0.02%	0.003%
101	5.902	5.887	5.928	VV	1501	25474	0.03%	0.004%
102	5.958	5.928	5.972	VV	1213	26550	0.03%	0.004%
103	5.987	5.972	6.005	VV	2562	32990	0.04%	0.005%
104	6.033	6.005	6.054	VV	3550	57458	0.07%	0.009%
105	6.073	6.054	6.121	VV	5931	103764	0.13%	0.016%
106	6.137	6.121	6.156	VV	1446	23108	0.03%	0.004%
107	6.183	6.156	6.206	VV	2447	44387	0.06%	0.007%
108	6.220	6.206	6.235	VV	789	10364	0.01%	0.002%
109	6.254	6.235	6.258	VV	866	9324	0.01%	0.001%
110	6.266	6.258	6.273	VV	943	7880	0.01%	0.001%
111	6.299	6.273	6.320	VV	3789	55156	0.07%	0.009%
112	6.355	6.320	6.362	VV	1493	28041	0.04%	0.004%
113	6.376	6.362	6.395	VV	2397	32407	0.04%	0.005%
114	6.406	6.395	6.436	VV	945	14500	0.02%	0.002%
115	6.467	6.436	6.513	VV	319728	3346350	4.31%	0.523%
116	6.541	6.513	6.560	VV	1189	24621	0.03%	0.004%
117	6.573	6.560	6.585	VV	859	10203	0.01%	0.002%
118	6.618	6.585	6.633	VV	2110	34090	0.04%	0.005%
119	6.644	6.633	6.677	VV	1164	21113	0.03%	0.003%
120	6.714	6.677	6.723	VV	1247	19922	0.03%	0.003%
121	6.734	6.723	6.759	VV	1288	17367	0.02%	0.003%
122	6.781	6.759	6.797	VV	954	14174	0.02%	0.002%
123	6.807	6.797	6.831	VV	988	10482	0.01%	0.002%
124	6.856	6.831	6.874	PV	3666	40013	0.05%	0.006%
125	6.884	6.874	6.896	VV	873	11098	0.01%	0.002%
126	6.911	6.896	6.928	VV	1155	16843	0.02%	0.003%
127	6.944	6.928	6.953	VV	1256	15055	0.02%	0.002%
128	6.970	6.953	7.009	VV	3972	82363	0.11%	0.013%
129	7.021	7.009	7.060	VV	2225	39138	0.05%	0.006%
130	7.085	7.060	7.131	VV	4303	78916	0.10%	0.012%
131	7.140	7.131	7.151	VV	1030	10830	0.01%	0.002%
132	7.187	7.151	7.204	VV	2467	42336	0.05%	0.007%
133	7.217	7.204	7.229	VV	1124	11234	0.01%	0.002%
134	7.240	7.229	7.255	VV	1049	10627	0.01%	0.002%
135	7.280	7.255	7.298	VV	3230	49357	0.06%	0.008%
136	7.309	7.298	7.333	VV	2775	37369	0.05%	0.006%
137	7.338	7.333	7.343	VV	610	3252	0.00%	0.001%
138	7.374	7.343	7.391	VV	3513	50267	0.06%	0.008%
139	7.412	7.391	7.441	VV	4490	66621	0.09%	0.010%
140	7.462	7.441	7.505	VV	3207	71309	0.09%	0.011%
141	7.513	7.505	7.527	VV	1121	12557	0.02%	0.002%

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142	7.535	7.527	7.554	VV	1060	15196	0.02%	0.002%
143	7.576	7.554	7.580	VV	2233	25151	0.03%	0.004%
144	7.586	7.580	7.611	VV	2240	23652	0.03%	0.004%
145	7.628	7.611	7.655	VV	1330	17247	0.02%	0.003%
146	7.684	7.655	7.702	PV	1293	18150	0.02%	0.003%
147	7.709	7.702	7.723	VV	642	5912	0.01%	0.001%
148	7.745	7.723	7.757	VV	1229	16282	0.02%	0.003%
149	7.773	7.757	7.808	VV	1895	26085	0.03%	0.004%
150	7.840	7.808	7.863	VV	4117	74610	0.10%	0.012%
151	7.873	7.863	7.892	VV	2610	32514	0.04%	0.005%
152	7.903	7.892	7.916	VV	1035	12045	0.02%	0.002%
153	7.938	7.916	7.952	VV	943	16954	0.02%	0.003%
154	7.985	7.952	7.993	VV	2059	34261	0.04%	0.005%
155	8.008	7.993	8.023	VV	3586	45895	0.06%	0.007%
156	8.037	8.023	8.058	VV	2176	33013	0.04%	0.005%
157	8.079	8.058	8.095	VV	1634	25772	0.03%	0.004%
158	8.113	8.095	8.132	VV	2987	40507	0.05%	0.006%
159	8.153	8.132	8.165	VV	1784	27436	0.04%	0.004%
160	8.192	8.165	8.207	VV	4516	77879	0.10%	0.012%
161	8.225	8.207	8.248	VV	17583	227713	0.29%	0.036%
162	8.259	8.248	8.269	VV	5003	56355	0.07%	0.009%
163	8.296	8.269	8.332	VV	322705	3488682	4.49%	0.545%
164	8.348	8.332	8.364	VV	2474	39938	0.05%	0.006%
165	8.381	8.364	8.404	VV	5219	74973	0.10%	0.012%
166	8.435	8.404	8.454	VV	3701	70311	0.09%	0.011%
167	8.467	8.454	8.483	VV	2394	28225	0.04%	0.004%
168	8.503	8.483	8.553	VV	2766	68256	0.09%	0.011%
169	8.603	8.553	8.619	VV	781	21062	0.03%	0.003%
170	8.672	8.619	8.692	VV	3697	84566	0.11%	0.013%
171	8.722	8.692	8.756	VV	3865	104282	0.13%	0.016%
172	8.766	8.756	8.775	VV	2040	21182	0.03%	0.003%
173	8.794	8.775	8.816	VV	4086	66890	0.09%	0.010%
174	8.835	8.816	8.858	VV	4869	64980	0.08%	0.010%
175	8.886	8.858	8.892	VV	1733	27221	0.04%	0.004%
176	8.900	8.892	8.908	VV	1872	16642	0.02%	0.003%
177	8.924	8.908	8.939	VV	2992	41831	0.05%	0.007%
178	8.954	8.939	8.984	VV	2739	47256	0.06%	0.007%
179	9.032	8.984	9.065	VV	5444	118082	0.15%	0.018%
180	9.075	9.065	9.083	VV	1751	17186	0.02%	0.003%
181	9.094	9.083	9.103	VV	2163	22243	0.03%	0.003%
182	9.123	9.103	9.175	VV	11842	187660	0.24%	0.029%
183	9.202	9.175	9.224	VV	2078	29021	0.04%	0.005%
184	9.250	9.224	9.268	PV	2173	30082	0.04%	0.005%
185	9.282	9.268	9.295	VV	1381	13334	0.02%	0.002%
186	9.316	9.295	9.320	VV	1506	17175	0.02%	0.003%
187	9.332	9.320	9.353	VV	2177	29505	0.04%	0.005%
188	9.364	9.353	9.372	VV	724	6975	0.01%	0.001%
189	9.389	9.372	9.408	VV	2379	33820	0.04%	0.005%
190	9.426	9.408	9.431	VV	1504	18304	0.02%	0.003%
191	9.460	9.431	9.478	VV	7042	105112	0.14%	0.016%
192	9.497	9.478	9.525	VV	6474	107755	0.14%	0.017%
193	9.547	9.525	9.564	VV	4700	73828	0.10%	0.012%
194	9.578	9.564	9.597	VV	3067	47085	0.06%	0.007%

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195	9.630	9.597	9.644	VV	2894	60010	0.08%	0.009%
196	9.681	9.644	9.707	VV	6552	125641	0.16%	0.020%
197	9.728	9.707	9.739	VV	2623	37765	0.05%	0.006%
198	9.750	9.739	9.769	VV	2585	34079	0.04%	0.005%
199	9.780	9.769	9.785	VV	1039	8820	0.01%	0.001%
200	9.835	9.785	9.870	VV	7873	158016	0.20%	0.025%
201	9.906	9.870	9.939	VV	316390	3595172	4.63%	0.562%
202	9.957	9.939	9.969	VV	1030	15247	0.02%	0.002%
203	10.001	9.969	10.028	VV	1671	33842	0.04%	0.005%
204	10.058	10.028	10.102	VV	1834	31000	0.04%	0.005%
205	10.133	10.102	10.156	PV	943	16504	0.02%	0.003%
206	10.172	10.156	10.188	VV	709	9556	0.01%	0.001%
207	10.216	10.188	10.236	VV	2595	46723	0.06%	0.007%
208	10.253	10.236	10.257	VV	2500	24062	0.03%	0.004%
209	10.292	10.257	10.311	VV	6630	142557	0.18%	0.022%
210	10.324	10.311	10.330	VV	4179	42489	0.05%	0.007%
211	10.342	10.330	10.369	VV	4253	81587	0.11%	0.013%
212	10.388	10.369	10.415	VV	4747	74374	0.10%	0.012%
213	10.434	10.415	10.451	VV	3159	42279	0.05%	0.007%
214	10.485	10.451	10.503	VV	3105	65815	0.08%	0.010%
215	10.527	10.503	10.551	VV	5518	96455	0.12%	0.015%
216	10.566	10.551	10.580	VV	2928	41221	0.05%	0.006%
217	10.597	10.580	10.622	VV	4511	76439	0.10%	0.012%
218	10.643	10.622	10.664	VV	17578	222098	0.29%	0.035%
219	10.695	10.664	10.707	VV	10757	174479	0.22%	0.027%
220	10.714	10.707	10.763	VV	8469	147328	0.19%	0.023%
221	10.771	10.763	10.799	VV	2264	28927	0.04%	0.005%
222	10.837	10.799	10.848	PV	1771	28569	0.04%	0.004%
223	10.869	10.848	10.895	VV	20138	245617	0.32%	0.038%
224	10.926	10.895	10.933	VV	6337	83747	0.11%	0.013%
225	10.945	10.933	11.004	VV	8344	167563	0.22%	0.026%
226	11.032	11.004	11.048	VV	2587	50755	0.07%	0.008%
227	11.059	11.048	11.075	VV	1825	19745	0.03%	0.003%
228	11.100	11.075	11.117	PV	1813	27539	0.04%	0.004%
229	11.121	11.117	11.133	VV	1164	8692	0.01%	0.001%
230	11.153	11.133	11.166	VV	3250	44915	0.06%	0.007%
231	11.186	11.166	11.213	VV	3699	68574	0.09%	0.011%
232	11.225	11.213	11.234	VV	645	4723	0.01%	0.001%
233	11.269	11.234	11.291	VV	2451	38371	0.05%	0.006%
234	11.350	11.291	11.380	VV	307881	3668209	4.72%	0.573%
235	11.395	11.380	11.411	VV	5569	72759	0.09%	0.011%
236	11.437	11.411	11.488	VV	6899	134378	0.17%	0.021%
237	11.529	11.488	11.557	VV	3687	68404	0.09%	0.011%
238	11.568	11.557	11.577	VV	910	6548	0.01%	0.001%
239	11.593	11.577	11.600	PV	1595	13598	0.02%	0.002%
240	11.621	11.600	11.648	VV	3614	74555	0.10%	0.012%
241	11.674	11.648	11.691	VV	5240	91725	0.12%	0.014%
242	11.706	11.691	11.742	VV	6297	100622	0.13%	0.016%
243	11.746	11.742	11.753	VV	1363	8146	0.01%	0.001%
244	11.786	11.753	11.803	VV	6816	102163	0.13%	0.016%
245	11.821	11.803	11.840	VV	8481	116102	0.15%	0.018%
246	11.857	11.840	11.887	VV	6748	123597	0.16%	0.019%

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247	11.906	11.887	11.944	VV	14207	197004	0.25%	0.031%
248	11.967	11.944	11.981	VV	2806	38382	0.05%	0.006%
249	12.020	11.981	12.043	VV	14136	239325	0.31%	0.037%
250	12.083	12.043	12.108	VV	1242473	15927394	20.50%	2.488%
251	12.114	12.108	12.139	VV	4707	71357	0.09%	0.011%
252	12.150	12.139	12.167	VV	2580	32284	0.04%	0.005%
253	12.176	12.167	12.188	VV	1191	9345	0.01%	0.001%
254	12.211	12.188	12.221	VV	16071	181115	0.23%	0.028%
255	12.235	12.221	12.255	VV	22112	283136	0.36%	0.044%
256	12.298	12.255	12.314	VV	102570	1839624	2.37%	0.287%
257	12.327	12.314	12.348	VV	54763	649808	0.84%	0.102%
258	12.355	12.348	12.373	VV	9031	98304	0.13%	0.015%
259	12.401	12.373	12.423	VV	29469	372024	0.48%	0.058%
260	12.429	12.423	12.444	VV	4214	45821	0.06%	0.007%
261	12.482	12.444	12.510	VV	38922	562616	0.72%	0.088%
262	12.533	12.510	12.556	VV	11379	195463	0.25%	0.031%
263	12.579	12.556	12.605	VV	17609	277442	0.36%	0.043%
264	12.662	12.605	12.683	VV	296993	3819005	4.92%	0.597%
265	12.691	12.683	12.707	VV	41322	454922	0.59%	0.071%
266	12.715	12.707	12.753	VV	22563	385101	0.50%	0.060%
267	12.764	12.753	12.775	VV	4248	46705	0.06%	0.007%
268	12.798	12.775	12.813	VV	8096	118119	0.15%	0.018%
269	12.826	12.813	12.847	VV	7658	84876	0.11%	0.013%
270	12.884	12.847	12.902	PV	3937	69620	0.09%	0.011%
271	12.934	12.902	12.966	VV	10167	191136	0.25%	0.030%
272	12.986	12.966	13.005	PV	39316	437783	0.56%	0.068%
273	13.013	13.005	13.036	VV	6505	83147	0.11%	0.013%
274	13.049	13.036	13.057	VV	3750	36416	0.05%	0.006%
275	13.128	13.057	13.150	VV	3634362	77675832	100.00%	12.136%
276	13.181	13.150	13.234	VV	2664344	41220188	53.07%	6.440%
277	13.253	13.234	13.259	VV	6900	66261	0.09%	0.010%
278	13.339	13.259	13.361	VV	634818	9085739	11.70%	1.420%
279	13.366	13.361	13.408	VV	44760	683881	0.88%	0.107%
280	13.422	13.408	13.448	VV	14367	227757	0.29%	0.036%
281	13.481	13.448	13.505	VV	29880	491680	0.63%	0.077%
282	13.522	13.505	13.548	VV	13689	228348	0.29%	0.036%
283	13.559	13.548	13.577	VV	5239	69744	0.09%	0.011%
284	13.625	13.577	13.653	VV	33180	796962	1.03%	0.125%
285	13.665	13.653	13.684	VV	8399	103885	0.13%	0.016%
286	13.724	13.684	13.754	VV	22289	471463	0.61%	0.074%
287	13.778	13.754	13.804	VV	12780	272113	0.35%	0.043%
288	13.813	13.804	13.829	VV	5355	60865	0.08%	0.010%
289	13.866	13.829	13.892	VV	287198	3802361	4.90%	0.594%
290	13.904	13.892	13.931	VV	21909	332444	0.43%	0.052%
291	13.970	13.931	14.014	VV	27194	617017	0.79%	0.096%
292	14.046	14.014	14.058	VV	5769	94643	0.12%	0.015%
293	14.073	14.058	14.088	VV	9799	129175	0.17%	0.020%
294	14.102	14.088	14.114	VV	8244	112815	0.15%	0.018%
295	14.147	14.114	14.155	VV	41467	551807	0.71%	0.086%
296	14.163	14.155	14.187	VV	38100	487457	0.63%	0.076%
297	14.203	14.187	14.223	VV	10534	149538	0.19%	0.023%
298	14.317	14.223	14.334	VV	44068	1300412	1.67%	0.203%
299	14.351	14.334	14.396	VV	45755	825917	1.06%	0.129%

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300	14.432	14.396	14.458	VV	54010	943148	1.21%	0.147%
301	14.485	14.458	14.524	VV	102834	1677670	2.16%	0.262%
302	14.544	14.524	14.578	VV	23922	559007	0.72%	0.087%
303	14.596	14.578	14.615	VV	17213	243088	0.31%	0.038%
304	14.655	14.615	14.715	VV	44294	808975	1.04%	0.126%
305	14.724	14.715	14.735	VV	1210	7449	0.01%	0.001%
306	14.768	14.735	14.796	PV	164220	2323518	2.99%	0.363%
307	14.815	14.796	14.834	VV	13339	212952	0.27%	0.033%
308	14.874	14.834	14.892	VV	21846	424246	0.55%	0.066%
309	14.916	14.892	14.933	VV	31163	460914	0.59%	0.072%
310	14.970	14.933	15.000	VV	305227	4664107	6.00%	0.729%
311	15.015	15.000	15.024	VV	12529	130586	0.17%	0.020%
312	15.032	15.024	15.048	VV	11232	131844	0.17%	0.021%
313	15.058	15.048	15.063	VV	8769	65962	0.08%	0.010%
314	15.078	15.063	15.094	VV	13950	195417	0.25%	0.031%
315	15.115	15.094	15.135	VV	10733	179713	0.23%	0.028%
316	15.149	15.135	15.165	VV	4324	49025	0.06%	0.008%
317	15.189	15.165	15.201	PV	8339	123633	0.16%	0.019%
318	15.207	15.201	15.230	VV	5296	70533	0.09%	0.011%
319	15.264	15.230	15.290	VV	11213	251750	0.32%	0.039%
320	15.295	15.290	15.301	VV	4618	25206	0.03%	0.004%
321	15.330	15.301	15.345	VV	10460	193076	0.25%	0.030%
322	15.371	15.345	15.422	VV	58941	1289030	1.66%	0.201%
323	15.427	15.422	15.431	VV	4427	21528	0.03%	0.003%
324	15.466	15.431	15.477	VV	10014	163738	0.21%	0.026%
325	15.493	15.477	15.516	VV	13365	224465	0.29%	0.035%
326	15.551	15.516	15.576	VV	65833	980135	1.26%	0.153%
327	15.593	15.576	15.626	VV	13673	223671	0.29%	0.035%
328	15.634	15.626	15.640	PV	2235	7571	0.01%	0.001%
329	15.680	15.640	15.685	PV	7283	80693	0.10%	0.013%
330	15.719	15.685	15.742	VV	14567	300256	0.39%	0.047%
331	15.750	15.742	15.761	VV	5568	49267	0.06%	0.008%
332	15.767	15.761	15.772	VV	1497	6940	0.01%	0.001%
333	15.789	15.772	15.803	PV	4953	46443	0.06%	0.007%
334	15.812	15.803	15.823	VV	4653	40096	0.05%	0.006%
335	15.854	15.823	15.863	VV	7801	142829	0.18%	0.022%
336	15.889	15.863	15.906	VV	13859	250267	0.32%	0.039%
337	15.913	15.906	15.930	VV	9206	102314	0.13%	0.016%
338	15.997	15.930	16.029	VV	253727	3833102	4.93%	0.599%
339	16.054	16.029	16.100	VV	12105	310607	0.40%	0.049%
340	16.104	16.100	16.111	VV	2445	7575	0.01%	0.001%
341	16.157	16.111	16.161	PV	13492	196816	0.25%	0.031%
342	16.166	16.161	16.189	VV	12830	138520	0.18%	0.022%
343	16.218	16.189	16.224	VV	5379	79231	0.10%	0.012%
344	16.257	16.224	16.281	VV	10268	205230	0.26%	0.032%
345	16.303	16.281	16.308	VV	7638	94221	0.12%	0.015%
346	16.318	16.308	16.328	VV	7151	66957	0.09%	0.010%
347	16.355	16.328	16.370	VV	15734	225909	0.29%	0.035%
348	16.392	16.370	16.413	VV	26791	466228	0.60%	0.073%
349	16.441	16.413	16.464	VV	34701	671013	0.86%	0.105%
350	16.474	16.464	16.514	VV	22131	370827	0.48%	0.058%
351	16.546	16.514	16.561	PV	31145	497367	0.64%	0.078%

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352	16.571	16.561	16.602	VV	17847	335963	0.43%	0.052%
353	16.623	16.602	16.648	VV	17637	281536	0.36%	0.044%
354	16.667	16.648	16.685	VV	15527	214841	0.28%	0.034%
355	16.693	16.685	16.704	VV	5573	48995	0.06%	0.008%
356	16.709	16.704	16.711	VV	6055	18356	0.02%	0.003%
357	16.736	16.711	16.746	VV	17663	268928	0.35%	0.042%
358	16.763	16.746	16.778	VV	25382	345517	0.44%	0.054%
359	16.782	16.778	16.792	VV	12810	78223	0.10%	0.012%
360	16.817	16.792	16.835	VV	26932	440171	0.57%	0.069%
361	16.842	16.835	16.858	VV	12086	94714	0.12%	0.015%
362	16.888	16.858	16.895	PV	14913	198867	0.26%	0.031%
363	16.898	16.895	16.903	VV	17059	73952	0.10%	0.012%
364	16.953	16.903	16.980	VV	258941	4136372	5.33%	0.646%
365	16.991	16.980	17.015	VV	29432	459462	0.59%	0.072%
366	17.020	17.015	17.043	VV	15767	201172	0.26%	0.031%
367	17.056	17.043	17.073	VV	8322	122964	0.16%	0.019%
368	17.077	17.073	17.079	VV	7135	21309	0.03%	0.003%
369	17.149	17.079	17.152	VV	21677	567701	0.73%	0.089%
370	17.158	17.152	17.188	VV	22041	321998	0.41%	0.050%
371	17.195	17.188	17.207	VV	12745	125465	0.16%	0.020%
372	17.241	17.207	17.263	VV	31399	598977	0.77%	0.094%
373	17.281	17.263	17.303	VV	18380	308709	0.40%	0.048%
374	17.328	17.303	17.376	VV	57639	1396081	1.80%	0.218%
375	17.405	17.376	17.430	VV	52595	1028994	1.32%	0.161%
376	17.446	17.430	17.459	VV	32698	443164	0.57%	0.069%
377	17.486	17.459	17.492	VV	37283	603602	0.78%	0.094%
378	17.495	17.492	17.515	VV	31552	370008	0.48%	0.058%
379	17.557	17.515	17.579	VV	42246	1139447	1.47%	0.178%
380	17.596	17.579	17.601	VV	26251	323350	0.42%	0.051%
381	17.609	17.601	17.615	VV	27853	217466	0.28%	0.034%
382	17.625	17.615	17.630	VV	25551	207395	0.27%	0.032%
383	17.650	17.630	17.660	VV	30261	464942	0.60%	0.073%
384	17.675	17.660	17.680	VV	26895	275184	0.35%	0.043%
385	17.720	17.680	17.734	VV	45028	1086059	1.40%	0.170%
386	17.745	17.734	17.766	VV	38465	616476	0.79%	0.096%
387	17.790	17.766	17.803	VV	49515	889578	1.15%	0.139%
388	17.846	17.803	17.883	VV	278862	5209489	6.71%	0.814%
389	17.925	17.883	17.931	VV	43518	933937	1.20%	0.146%
390	17.953	17.931	17.975	VV	103793	1910966	2.46%	0.299%
391	17.987	17.975	18.013	VV	58798	1225198	1.58%	0.191%
392	18.025	18.013	18.040	VV	46628	705473	0.91%	0.110%
393	18.062	18.040	18.081	VV	49964	1020202	1.31%	0.159%
394	18.090	18.081	18.095	VV	40601	308469	0.40%	0.048%
395	18.109	18.095	18.121	VV	47346	663660	0.85%	0.104%
396	18.166	18.121	18.175	VV	57798	1704094	2.19%	0.266%
397	18.224	18.175	18.249	VV	86587	3122108	4.02%	0.488%
398	18.270	18.249	18.301	VV	106118	2576561	3.32%	0.403%
399	18.325	18.301	18.344	VV	109774	2185433	2.81%	0.341%
400	18.350	18.344	18.356	VV	75753	523717	0.67%	0.082%
401	18.366	18.356	18.385	VV	76439	1268567	1.63%	0.198%
402	18.400	18.385	18.424	VV	76827	1579517	2.03%	0.247%
403	18.437	18.424	18.444	VV	66140	779785	1.00%	0.122%
404	18.457	18.444	18.462	VV	77666	750264	0.97%	0.117%

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405	18.470	18.462	18.503	VV	85726	1812991	2.33%	0.283%
406	18.507	18.503	18.531	VV	67760	1061798	1.37%	0.166%
407	18.559	18.531	18.569	VV	77050	1562927	2.01%	0.244%
408	18.597	18.569	18.604	VV	75324	1475672	1.90%	0.231%
409	18.611	18.604	18.617	VV	79462	567899	0.73%	0.089%
410	18.624	18.617	18.631	VV	78545	635715	0.82%	0.099%
411	18.687	18.631	18.724	VV	328148	8730673	11.24%	1.364%
412	18.749	18.724	18.770	VV	131336	2947067	3.79%	0.460%
413	18.798	18.770	18.855	VV	154971	6147611	7.91%	0.960%
414	18.865	18.855	18.877	VV	98955	1247004	1.61%	0.195%
415	18.895	18.877	18.900	VV	100879	1296338	1.67%	0.203%
416	18.903	18.900	18.908	VV	99246	471409	0.61%	0.074%
417	18.935	18.908	18.947	VV	125091	2511901	3.23%	0.392%
418	18.957	18.947	18.969	VV	113812	1393436	1.79%	0.218%
419	19.036	18.969	19.045	VV	183240	6136198	7.90%	0.959%
420	19.049	19.045	19.064	VV	169723	1893300	2.44%	0.296%
421	19.085	19.064	19.113	VV	226901	5394845	6.95%	0.843%
422	19.116	19.113	19.128	VV	144127	1195193	1.54%	0.187%
423	19.151	19.128	19.173	VV	165571	4146236	5.34%	0.648%
424	19.180	19.173	19.231	VV	157389	4925720	6.34%	0.770%
425	19.239	19.231	19.246	VV	134825	1236254	1.59%	0.193%
426	19.284	19.246	19.289	VV	153185	3571248	4.60%	0.558%
427	19.293	19.289	19.328	VV	151880	3383813	4.36%	0.529%
428	19.335	19.328	19.341	VV	152111	1154318	1.49%	0.180%
429	19.348	19.341	19.368	VV	158736	2368794	3.05%	0.370%
430	19.381	19.368	19.397	VV	152914	2518673	3.24%	0.394%
431	19.413	19.397	19.434	VV	162847	3389892	4.36%	0.530%
432	19.478	19.434	19.525	VV	427488	12857141	16.55%	2.009%
433	19.532	19.525	19.536	VV	177685	1170402	1.51%	0.183%
434	19.549	19.536	19.554	VV	190500	2027642	2.61%	0.317%
435	19.561	19.554	19.568	VV	197808	1537056	1.98%	0.240%
436	19.574	19.568	19.606	VV	201836	4259463	5.48%	0.665%
437	19.657	19.606	19.663	VV	200696	6174872	7.95%	0.965%
438	19.669	19.663	19.679	VV	192801	1860923	2.40%	0.291%
439	19.690	19.679	19.696	VV	206694	1992346	2.56%	0.311%
440	19.707	19.696	19.715	VV	202020	2213491	2.85%	0.346%
441	19.728	19.715	19.739	VV	203193	2823631	3.64%	0.441%
442	19.745	19.739	19.763	VV	200381	2762760	3.56%	0.432%
443	19.790	19.763	19.828	VV	235190	8165100	10.51%	1.276%
444	19.863	19.828	19.882	VV	251576	7483745	9.63%	1.169%
445	19.886	19.882	19.894	VV	223830	1586175	2.04%	0.248%
446	19.911	19.894	19.929	VV	222133	4457108	5.74%	0.696%
447	19.939	19.929	19.947	VV	220229	2296877	2.96%	0.359%
448	19.984	19.947	20.000	VV	250722	7225070	9.30%	1.129%
449	20.014	20.000	20.032	VV	241325	4464774	5.75%	0.698%
450	20.042	20.032	20.059	VV	234073	3691350	4.75%	0.577%
451	20.066	20.059	20.071	VV	228722	1534952	1.98%	0.240%
452	20.097	20.071	20.121	VV	267693	7416793	9.55%	1.159%
453	20.129	20.121	20.153	VV	242643	4431233	5.70%	0.692%
454	20.177	20.153	20.181	VV	251063	4078087	5.25%	0.637%
455	20.185	20.181	20.189	VV	248055	1119196	1.44%	0.175%
456	20.225	20.189	20.285	VV	463678	18308986	23.57%	2.861%

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457	20.301	20.285	20.320	VV	269573	5405290	6.96%	0.845%
458	20.333	20.320	20.349	VV	274589	4609402	5.93%	0.720%
459	20.355	20.349	20.358	VV	247648	1285604	1.66%	0.201%
460	20.378	20.358	20.383	VV	276975	3874924	4.99%	0.605%
461	20.402	20.383	20.421	VV	284692	6299156	8.11%	0.984%
462	20.432	20.421	20.439	VV	274399	2770576	3.57%	0.433%
463	20.467	20.439	20.479	VV	292074	6645044	8.55%	1.038%
464	20.485	20.479	20.491	VV	294641	2099034	2.70%	0.328%
465	20.508	20.491	20.516	VV	291658	4219543	5.43%	0.659%
466	20.529	20.516	20.542	VV	302561	4547462	5.85%	0.710%
467	20.552	20.542	20.557	VV	296052	2545322	3.28%	0.398%
468	20.563	20.557	20.570	VV	307827	2296172	2.96%	0.359%
469	20.590	20.570	20.613	VV	323136	7905448	10.18%	1.235%
470	20.620	20.613	20.625	VV	295576	2043102	2.63%	0.319%
471	20.652	20.625	20.659	VV	307806	6011965	7.74%	0.939%
472	20.670	20.659	20.684	VV	328177	4617722	5.94%	0.721%
473	20.690	20.684	20.695	VV	310877	2037327	2.62%	0.318%
474	20.705	20.695	20.711	VV	308845	2934208	3.78%	0.458%
475	20.718	20.711	20.730	VV	302919	3208876	4.13%	0.501%
476	20.735	20.730	20.754	VV	295304	4212451	5.42%	0.658%
477	20.763	20.754	20.768	VV	280613	2340148	3.01%	0.366%
478	20.783	20.768	20.788	VV	279284	3224347	4.15%	0.504%
479	20.798	20.788	20.819	VV	286258	5088445	6.55%	0.795%
480	20.827	20.819	20.841	VV	265278	3245595	4.18%	0.507%
481	20.851	20.841	20.858	VV	256471	2523174	3.25%	0.394%
482	20.881	20.858	20.892	VV	248099	5033353	6.48%	0.786%
483	20.944	20.892	20.986	VV	428513	16848461	21.69%	2.632%
484	20.991	20.986	20.996	VV	242082	1445917	1.86%	0.226%
485	21.011	20.996	21.041	VV	241452	6012428	7.74%	0.939%
486	21.049	21.041	21.055	VV	217808	1803179	2.32%	0.282%
487	21.057	21.055	21.063	VV	217153	983104	1.27%	0.154%
488	21.071	21.063	21.084	VV	216039	2674228	3.44%	0.418%
489	21.091	21.084	21.116	VV	208566	3751788	4.83%	0.586%
490	21.121	21.116	21.143	VV	188787	2728437	3.51%	0.426%
491	21.153	21.143	21.157	VV	180301	1507249	1.94%	0.235%
492	21.166	21.157	21.181	VV	180699	2480390	3.19%	0.388%
493	21.188	21.181	21.199	VV	172874	1847006	2.38%	0.289%
494	21.219	21.199	21.233	VV	183629	3510542	4.52%	0.548%
495	21.242	21.233	21.250	VV	172799	1717860	2.21%	0.268%
496	21.255	21.250	21.261	VV	177928	1120755	1.44%	0.175%
497	21.267	21.261	21.275	VV	166533	1376335	1.77%	0.215%
498	21.289	21.275	21.317	VV	176908	4259040	5.48%	0.665%
499	21.334	21.317	21.391	VV	186864	6942561	8.94%	1.085%
500	21.397	21.391	21.415	VV	133046	1782774	2.30%	0.279%
501	21.431	21.415	21.438	VV	122886	1598671	2.06%	0.250%
502	21.445	21.438	21.472	VV	114023	2198804	2.83%	0.344%
503	21.477	21.472	21.493	VV	90647	1039711	1.34%	0.162%
504	21.504	21.493	21.520	VV	95649	1477319	1.90%	0.231%
505	21.526	21.520	21.531	VV	95133	626230	0.81%	0.098%
506	21.538	21.531	21.551	VV	92245	1058729	1.36%	0.165%
507	21.556	21.551	21.597	VV	104612	2472634	3.18%	0.386%
508	21.602	21.597	21.608	VV	81951	467994	0.60%	0.073%
509	21.627	21.608	21.649	VV	87449	1883114	2.42%	0.294%

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510	21.660	21.649	21.673	VV	74927	1014822	1.31%	0.159%
511	21.688	21.673	21.693	VV	72592	799697	1.03%	0.125%
512	21.697	21.693	21.706	VV	69261	470154	0.61%	0.073%
513	21.732	21.706	21.747	VV	63840	1360973	1.75%	0.213%
514	21.800	21.747	21.840	VV	156980	4795325	6.17%	0.749%
515	21.868	21.840	21.875	PV	12692	137617	0.18%	0.022%
516	21.894	21.875	21.901	PBA	14274	470284	0.61%	0.073%
					Sum of corrected areas:	640042919		

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