

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012624\
 Data File : FG013371.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2024 15:02
 Sample : P1241-01MS 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.920	1.906	1.932	BV	19	63	0.00%	0.000%
2	1.948	1.932	1.973	PV	415	4600	0.03%	0.003%
3	1.978	1.973	1.983	VV	87	336	0.00%	0.000%
4	1.990	1.983	1.995	VV	121	595	0.00%	0.000%
5	2.001	1.995	2.016	VV	134	1025	0.01%	0.001%
6	2.026	2.016	2.033	PV	128	803	0.00%	0.001%
7	2.059	2.033	2.125	VV	23620	250768	1.55%	0.185%
8	2.135	2.125	2.165	VV	142	1979	0.01%	0.001%
9	2.169	2.165	2.180	VV	92	446	0.00%	0.000%
10	2.185	2.180	2.208	VV	73	793	0.00%	0.001%
11	2.215	2.208	2.223	PV	179	536	0.00%	0.000%
12	2.232	2.223	2.249	VV	63	573	0.00%	0.000%
13	2.293	2.249	2.304	VV	239	3476	0.02%	0.003%
14	2.309	2.304	2.333	VV	163	1452	0.01%	0.001%
15	2.338	2.333	2.343	VV	68	291	0.00%	0.000%
16	2.356	2.343	2.396	VV	1091	12834	0.08%	0.009%
17	2.400	2.396	2.437	VV	158	2452	0.02%	0.002%
18	2.439	2.437	2.446	VV	49	138	0.00%	0.000%
19	2.451	2.446	2.458	VV	37	217	0.00%	0.000%
20	2.477	2.458	2.484	PV	104	877	0.01%	0.001%
21	2.488	2.484	2.504	VV	59	469	0.00%	0.000%
22	2.513	2.504	2.527	VV	94	952	0.01%	0.001%
23	2.536	2.527	2.563	VV	91	1066	0.01%	0.001%
24	2.567	2.563	2.576	VV	72	282	0.00%	0.000%
25	2.583	2.576	2.605	PV	82	681	0.00%	0.001%
26	2.613	2.605	2.617	PV	49	207	0.00%	0.000%
27	2.631	2.617	2.641	VV	112	1113	0.01%	0.001%
28	2.659	2.641	2.669	VV	134	1657	0.01%	0.001%
29	2.672	2.669	2.679	VV	106	427	0.00%	0.000%
30	2.686	2.679	2.699	VV	93	802	0.00%	0.001%
31	2.703	2.699	2.713	VV	62	516	0.00%	0.000%
32	2.719	2.713	2.730	VV	67	488	0.00%	0.000%
33	2.746	2.730	2.778	VV	200	3591	0.02%	0.003%
34	2.780	2.778	2.793	VV	92	508	0.00%	0.000%
35	2.798	2.793	2.808	VV	100	639	0.00%	0.000%
36	2.811	2.808	2.820	VV	103	463	0.00%	0.000%

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37	2.825	2.820	2.849	VV	79	948	0.01%	0.001%
38	2.857	2.849	2.876	VV	104	876	0.01%	0.001%
39	2.880	2.876	2.888	VV	81	418	0.00%	0.000%
40	2.890	2.888	2.904	VV	67	471	0.00%	0.000%
41	2.911	2.904	2.929	VV	131	1651	0.01%	0.001%
42	2.945	2.929	2.950	VV	186	1618	0.01%	0.001%
43	2.964	2.950	2.984	VV	227	2720	0.02%	0.002%
44	3.022	2.984	3.050	PV	263	3380	0.02%	0.002%
45	3.069	3.050	3.085	VV	200	2232	0.01%	0.002%
46	3.104	3.085	3.109	VV	264	2110	0.01%	0.002%
47	3.113	3.109	3.121	VV	224	1182	0.01%	0.001%
48	3.130	3.121	3.136	VV	166	1066	0.01%	0.001%
49	3.139	3.136	3.145	VV	155	586	0.00%	0.000%
50	3.153	3.145	3.164	VV	103	905	0.01%	0.001%
51	3.168	3.164	3.178	VV	126	844	0.01%	0.001%
52	3.186	3.178	3.191	VV	170	941	0.01%	0.001%
53	3.199	3.191	3.218	VV	214	2482	0.02%	0.002%
54	3.239	3.218	3.253	VV	169	2681	0.02%	0.002%
55	3.257	3.253	3.273	VV	144	1394	0.01%	0.001%
56	3.277	3.273	3.300	VV	118	1594	0.01%	0.001%
57	3.326	3.300	3.340	VV	353	5132	0.03%	0.004%
58	3.346	3.340	3.372	VV	276	3269	0.02%	0.002%
59	3.377	3.372	3.406	VV	194	1989	0.01%	0.001%
60	3.409	3.406	3.417	VV	87	395	0.00%	0.000%
61	3.443	3.417	3.455	PV	171	1915	0.01%	0.001%
62	3.475	3.455	3.488	VV	226	2949	0.02%	0.002%
63	3.504	3.488	3.519	VV	263	3128	0.02%	0.002%
64	3.528	3.519	3.532	VV	131	861	0.01%	0.001%
65	3.539	3.532	3.547	VV	172	1229	0.01%	0.001%
66	3.558	3.547	3.563	VV	161	1284	0.01%	0.001%
67	3.568	3.563	3.572	VV	145	733	0.00%	0.001%
68	3.576	3.572	3.588	VV	162	1192	0.01%	0.001%
69	3.605	3.588	3.628	VV	851	10539	0.07%	0.008%
70	3.642	3.628	3.665	VV	441	6418	0.04%	0.005%
71	3.684	3.665	3.701	VV	501	6783	0.04%	0.005%
72	3.703	3.701	3.711	VV	184	786	0.00%	0.001%
73	3.723	3.711	3.753	VV	259	4798	0.03%	0.004%
74	3.778	3.753	3.798	VV	609	9141	0.06%	0.007%
75	3.801	3.798	3.828	VV	264	3433	0.02%	0.003%
76	3.838	3.828	3.846	VV	344	1758	0.01%	0.001%
77	3.861	3.846	3.893	VV	378	5986	0.04%	0.004%
78	3.911	3.893	3.951	VV	545	9064	0.06%	0.007%
79	3.967	3.951	3.991	VV	383	4319	0.03%	0.003%
80	4.014	3.991	4.041	VV	439	8767	0.05%	0.006%
81	4.045	4.041	4.078	VV	334	3758	0.02%	0.003%
82	4.107	4.078	4.115	PV	945	9766	0.06%	0.007%
83	4.120	4.115	4.137	VV	792	7794	0.05%	0.006%
84	4.153	4.137	4.181	VV	1305	17692	0.11%	0.013%
85	4.192	4.181	4.208	VV	406	5484	0.03%	0.004%
86	4.229	4.208	4.256	VV	612	9922	0.06%	0.007%
87	4.262	4.256	4.282	VV	118	1288	0.01%	0.001%
88	4.315	4.282	4.340	VV	2208	41312	0.26%	0.030%
89	4.355	4.340	4.384	VV	943	15011	0.09%	0.011%

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90	4.395	4.384	4.418	VV	386	5680	0.04%	0.004%
91	4.423	4.418	4.438	VV	234	1688	0.01%	0.001%
92	4.479	4.438	4.507	PV	514	8659	0.05%	0.006%
93	4.523	4.507	4.551	VV	661	9212	0.06%	0.007%
94	4.584	4.551	4.608	VV	46980	478485	2.96%	0.353%
95	4.621	4.608	4.639	VV	1310	12459	0.08%	0.009%
96	4.659	4.639	4.680	VV	787	9497	0.06%	0.007%
97	4.694	4.680	4.723	VV	331	4545	0.03%	0.003%
98	4.738	4.723	4.747	VV	632	6057	0.04%	0.004%
99	4.758	4.747	4.781	VV	651	10184	0.06%	0.008%
100	4.800	4.781	4.821	VV	837	13529	0.08%	0.010%
101	4.836	4.821	4.851	VV	611	8177	0.05%	0.006%
102	4.869	4.851	4.883	VV	2063	21288	0.13%	0.016%
103	4.893	4.883	4.910	VV	1247	14013	0.09%	0.010%
104	4.928	4.910	4.936	VV	1075	11782	0.07%	0.009%
105	4.948	4.936	4.964	VV	1321	16732	0.10%	0.012%
106	4.972	4.964	4.978	VV	664	4866	0.03%	0.004%
107	5.000	4.978	5.016	VV	2270	29240	0.18%	0.022%
108	5.047	5.016	5.066	VV	2014	37092	0.23%	0.027%
109	5.097	5.066	5.139	VV	3175	56667	0.35%	0.042%
110	5.164	5.139	5.184	VV	1650	21411	0.13%	0.016%
111	5.200	5.184	5.220	VV	934	11510	0.07%	0.008%
112	5.263	5.220	5.275	VV	1832	26039	0.16%	0.019%
113	5.293	5.275	5.319	VV	3306	51074	0.32%	0.038%
114	5.339	5.319	5.354	VV	3268	37295	0.23%	0.028%
115	5.370	5.354	5.385	VV	3048	33763	0.21%	0.025%
116	5.404	5.385	5.443	VV	2886	42468	0.26%	0.031%
117	5.461	5.443	5.483	PV	460	7003	0.04%	0.005%
118	5.504	5.483	5.516	VV	1835	20793	0.13%	0.015%
119	5.528	5.516	5.550	VV	1853	27625	0.17%	0.020%
120	5.571	5.550	5.585	VV	2782	40269	0.25%	0.030%
121	5.599	5.585	5.618	VV	3053	37775	0.23%	0.028%
122	5.629	5.618	5.644	VV	1215	16750	0.10%	0.012%
123	5.663	5.644	5.683	VV	1670	24973	0.15%	0.018%
124	5.694	5.683	5.701	VV	754	6815	0.04%	0.005%
125	5.722	5.701	5.765	VV	18203	257793	1.60%	0.190%
126	5.774	5.765	5.781	VV	918	8267	0.05%	0.006%
127	5.794	5.781	5.833	VV	1195	20910	0.13%	0.015%
128	5.851	5.833	5.864	VV	857	11240	0.07%	0.008%
129	5.875	5.864	5.885	VV	777	7842	0.05%	0.006%
130	5.909	5.885	5.939	VV	6278	98074	0.61%	0.072%
131	5.947	5.939	5.960	VV	1409	14487	0.09%	0.011%
132	5.989	5.960	5.998	VV	2317	31026	0.19%	0.023%
133	6.014	5.998	6.025	VV	5425	64798	0.40%	0.048%
134	6.032	6.025	6.058	VV	5087	65704	0.41%	0.048%
135	6.069	6.058	6.078	VV	1703	17152	0.11%	0.013%
136	6.090	6.078	6.095	VV	2129	18586	0.12%	0.014%
137	6.110	6.095	6.126	VV	6479	71102	0.44%	0.052%
138	6.156	6.126	6.176	VV	2859	53616	0.33%	0.040%
139	6.201	6.176	6.221	VV	3138	41334	0.26%	0.031%
140	6.255	6.221	6.275	VV	3817	64235	0.40%	0.047%
141	6.311	6.275	6.340	VV	3440	102028	0.63%	0.075%

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142	6.353	6.340	6.371	VV	3878	43844	0.27%	0.032%
143	6.398	6.371	6.417	VV	5310	69813	0.43%	0.052%
144	6.439	6.417	6.451	VV	4105	60453	0.37%	0.045%
145	6.463	6.451	6.508	VV	4815	98312	0.61%	0.073%
146	6.524	6.508	6.538	VV	3465	40060	0.25%	0.030%
147	6.550	6.538	6.558	VV	2261	24453	0.15%	0.018%
148	6.579	6.558	6.609	VV	3758	69943	0.43%	0.052%
149	6.628	6.609	6.643	VV	2502	37048	0.23%	0.027%
150	6.679	6.643	6.713	VV	5616	113192	0.70%	0.084%
151	6.723	6.713	6.730	VV	1777	16291	0.10%	0.012%
152	6.754	6.730	6.804	VV	81323	864680	5.35%	0.638%
153	6.814	6.804	6.825	VV	920	10782	0.07%	0.008%
154	6.843	6.825	6.853	VV	2034	25167	0.16%	0.019%
155	6.874	6.853	6.889	VV	3006	51717	0.32%	0.038%
156	6.908	6.889	6.935	VV	10314	137701	0.85%	0.102%
157	6.952	6.935	6.970	VV	4135	61193	0.38%	0.045%
158	6.981	6.970	6.994	VV	2537	27762	0.17%	0.020%
159	7.037	6.994	7.058	VV	6401	106776	0.66%	0.079%
160	7.099	7.058	7.113	VV	4650	98316	0.61%	0.073%
161	7.120	7.113	7.134	VV	2514	24628	0.15%	0.018%
162	7.161	7.134	7.190	VV	13838	182375	1.13%	0.135%
163	7.200	7.190	7.206	VV	1448	12723	0.08%	0.009%
164	7.233	7.206	7.251	VV	3890	65987	0.41%	0.049%
165	7.286	7.251	7.307	VV	6879	141282	0.87%	0.104%
166	7.328	7.307	7.355	VV	9107	120951	0.75%	0.089%
167	7.392	7.355	7.418	VV	8722	200166	1.24%	0.148%
168	7.434	7.418	7.455	VV	6128	77192	0.48%	0.057%
169	7.476	7.455	7.512	VV	10473	163236	1.01%	0.120%
170	7.530	7.512	7.557	VV	4674	84044	0.52%	0.062%
171	7.577	7.557	7.595	VV	4132	57820	0.36%	0.043%
172	7.606	7.595	7.621	VV	2420	34896	0.22%	0.026%
173	7.627	7.621	7.640	VV	2222	22662	0.14%	0.017%
174	7.679	7.640	7.686	VV	10592	139569	0.86%	0.103%
175	7.703	7.686	7.727	VV	35814	412472	2.55%	0.304%
176	7.742	7.727	7.750	VV	3847	43786	0.27%	0.032%
177	7.755	7.750	7.765	VV	3767	31236	0.19%	0.023%
178	7.772	7.765	7.784	VV	3783	41000	0.25%	0.030%
179	7.789	7.784	7.813	VV	3085	42431	0.26%	0.031%
180	7.825	7.813	7.853	VV	2496	51809	0.32%	0.038%
181	7.878	7.853	7.912	VV	9977	183291	1.13%	0.135%
182	7.932	7.912	7.951	VV	3992	58334	0.36%	0.043%
183	7.973	7.951	7.985	VV	2585	36487	0.23%	0.027%
184	7.998	7.985	8.004	VV	2682	26304	0.16%	0.019%
185	8.020	8.004	8.029	VV	4844	55329	0.34%	0.041%
186	8.042	8.029	8.060	VV	4978	71285	0.44%	0.053%
187	8.076	8.060	8.102	VV	4348	77022	0.48%	0.057%
188	8.107	8.102	8.112	VV	2113	12843	0.08%	0.009%
189	8.136	8.112	8.151	VV	5367	90222	0.56%	0.067%
190	8.167	8.151	8.180	VV	5733	81201	0.50%	0.060%
191	8.188	8.180	8.207	VV	5072	64026	0.40%	0.047%
192	8.231	8.207	8.252	VV	6679	102921	0.64%	0.076%
193	8.279	8.252	8.298	VV	8700	134575	0.83%	0.099%
194	8.315	8.298	8.324	VV	7312	84527	0.52%	0.062%

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195	8.337	8.324	8.359	VV	9783	117923	0.73%	0.087%
196	8.405	8.359	8.439	VV	11974	229564	1.42%	0.169%
197	8.459	8.439	8.478	VV	3078	62872	0.39%	0.046%
198	8.501	8.478	8.522	VV	6548	133151	0.82%	0.098%
199	8.537	8.522	8.543	VV	5856	64708	0.40%	0.048%
200	8.587	8.543	8.613	VV	94066	1132278	7.01%	0.836%
201	8.631	8.613	8.649	VV	5583	94011	0.58%	0.069%
202	8.662	8.649	8.668	VV	3838	40977	0.25%	0.030%
203	8.689	8.668	8.717	VV	5710	124041	0.77%	0.092%
204	8.748	8.717	8.764	VV	6949	127325	0.79%	0.094%
205	8.773	8.764	8.790	VV	4522	59636	0.37%	0.044%
206	8.808	8.790	8.830	VV	6303	105550	0.65%	0.078%
207	8.834	8.830	8.848	VV	2942	28164	0.17%	0.021%
208	8.880	8.848	8.902	VV	3543	85757	0.53%	0.063%
209	8.917	8.902	8.930	VV	2818	36464	0.23%	0.027%
210	8.950	8.930	8.954	VV	4818	50138	0.31%	0.037%
211	8.966	8.954	8.975	VV	5426	63700	0.39%	0.047%
212	8.982	8.975	8.994	VV	5129	56940	0.35%	0.042%
213	9.012	8.994	9.024	VV	5912	91287	0.56%	0.067%
214	9.042	9.024	9.066	VV	7242	145814	0.90%	0.108%
215	9.083	9.066	9.099	VV	6058	95538	0.59%	0.071%
216	9.128	9.099	9.155	VV	15370	257065	1.59%	0.190%
217	9.182	9.155	9.199	VV	6127	103359	0.64%	0.076%
218	9.209	9.199	9.220	VV	3459	39711	0.25%	0.029%
219	9.235	9.220	9.261	VV	4351	86382	0.53%	0.064%
220	9.277	9.261	9.296	VV	4214	71849	0.44%	0.053%
221	9.308	9.296	9.326	VV	2751	44967	0.28%	0.033%
222	9.354	9.326	9.375	VV	4762	111222	0.69%	0.082%
223	9.416	9.375	9.438	VV	39693	524467	3.25%	0.387%
224	9.445	9.438	9.481	VV	5012	88314	0.55%	0.065%
225	9.504	9.481	9.527	VV	4342	83570	0.52%	0.062%
226	9.560	9.527	9.580	VV	4024	87793	0.54%	0.065%
227	9.595	9.580	9.605	VV	2449	30050	0.19%	0.022%
228	9.619	9.605	9.631	VV	2959	38183	0.24%	0.028%
229	9.648	9.631	9.665	VV	3659	56193	0.35%	0.041%
230	9.673	9.665	9.686	VV	2461	29962	0.19%	0.022%
231	9.701	9.686	9.732	VV	4270	84127	0.52%	0.062%
232	9.748	9.732	9.768	VV	3289	58442	0.36%	0.043%
233	9.794	9.768	9.826	VV	8706	186068	1.15%	0.137%
234	9.838	9.826	9.847	VV	3858	44148	0.27%	0.033%
235	9.880	9.847	9.900	VV	6656	147872	0.92%	0.109%
236	9.925	9.900	9.946	VV	6007	104851	0.65%	0.077%
237	9.978	9.946	10.004	VV	5740	129789	0.80%	0.096%
238	10.025	10.004	10.057	VV	2185	55598	0.34%	0.041%
239	10.081	10.057	10.095	VV	1828	35667	0.22%	0.026%
240	10.113	10.095	10.123	VV	2709	37896	0.23%	0.028%
241	10.156	10.123	10.173	VV	5151	113618	0.70%	0.084%
242	10.199	10.173	10.250	VV	90129	1058975	6.55%	0.781%
243	10.272	10.250	10.293	VV	2554	57603	0.36%	0.043%
244	10.303	10.293	10.348	VV	2716	52834	0.33%	0.039%
245	10.372	10.348	10.398	VV	2562	47619	0.29%	0.035%
246	10.413	10.398	10.421	VV	1337	15726	0.10%	0.012%

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247	10.446	10.421	10.461	VV	1438	29344	0.18%	0.022%
248	10.473	10.461	10.492	VV	1737	26865	0.17%	0.020%
249	10.503	10.492	10.510	VV	1242	11728	0.07%	0.009%
250	10.547	10.510	10.564	VV	3788	85022	0.53%	0.063%
251	10.589	10.564	10.617	VV	13545	217942	1.35%	0.161%
252	10.639	10.617	10.656	VV	4936	77248	0.48%	0.057%
253	10.679	10.656	10.698	VV	4830	82786	0.51%	0.061%
254	10.711	10.698	10.717	VV	2453	23375	0.14%	0.017%
255	10.734	10.717	10.762	VV	4825	74876	0.46%	0.055%
256	10.785	10.762	10.799	VV	1569	25296	0.16%	0.019%
257	10.808	10.799	10.821	VV	1296	15487	0.10%	0.011%
258	10.845	10.821	10.860	VV	2450	42643	0.26%	0.031%
259	10.873	10.860	10.883	VV	1927	25100	0.16%	0.019%
260	10.887	10.883	10.903	VV	1922	19550	0.12%	0.014%
261	10.941	10.903	10.974	VV	32968	428986	2.66%	0.317%
262	11.014	10.974	11.044	VV	12260	243324	1.51%	0.180%
263	11.057	11.044	11.098	VV	2309	48905	0.30%	0.036%
264	11.108	11.098	11.113	VV	671	5007	0.03%	0.004%
265	11.156	11.113	11.170	VV	1474	35868	0.22%	0.026%
266	11.191	11.170	11.207	VV	3988	51663	0.32%	0.038%
267	11.217	11.207	11.241	VV	2189	32718	0.20%	0.024%
268	11.269	11.241	11.304	VV	4239	96603	0.60%	0.071%
269	11.335	11.304	11.378	VV	4432	110305	0.68%	0.081%
270	11.398	11.378	11.433	VV	3374	54891	0.34%	0.041%
271	11.451	11.433	11.469	VV	2797	34606	0.21%	0.026%
272	11.503	11.469	11.522	VV	1514	29083	0.18%	0.021%
273	11.558	11.522	11.565	VV	1099	16986	0.11%	0.013%
274	11.582	11.565	11.597	VV	1204	20406	0.13%	0.015%
275	11.647	11.597	11.683	VV	79468	957239	5.92%	0.706%
276	11.692	11.683	11.705	VV	1724	21168	0.13%	0.016%
277	11.739	11.705	11.776	VV	9034	157046	0.97%	0.116%
278	11.802	11.776	11.823	VV	785	13922	0.09%	0.010%
279	11.847	11.823	11.866	VV	1402	17282	0.11%	0.013%
280	11.914	11.866	11.921	PV	1385	29488	0.18%	0.022%
281	11.943	11.921	11.988	VV	2743	69511	0.43%	0.051%
282	12.002	11.988	12.017	VV	1739	22368	0.14%	0.017%
283	12.044	12.017	12.071	VV	2895	72867	0.45%	0.054%
284	12.082	12.071	12.106	VV	2432	38214	0.24%	0.028%
285	12.135	12.106	12.166	VV	2870	57554	0.36%	0.042%
286	12.178	12.166	12.189	VV	1245	12102	0.07%	0.009%
287	12.207	12.189	12.239	VV	3243	41183	0.25%	0.030%
288	12.256	12.239	12.274	VV	711	9254	0.06%	0.007%
289	12.320	12.274	12.344	VV	21248	301644	1.87%	0.223%
290	12.373	12.344	12.401	VV	265811	2986612	18.48%	2.204%
291	12.408	12.401	12.461	VV	2126	43929	0.27%	0.032%
292	12.470	12.461	12.492	VV	675	8517	0.05%	0.006%
293	12.504	12.492	12.509	PV	250	1508	0.01%	0.001%
294	12.565	12.509	12.635	VV	32516	490949	3.04%	0.362%
295	12.654	12.635	12.671	VV	3453	48501	0.30%	0.036%
296	12.699	12.671	12.710	VV	1727	34526	0.21%	0.025%
297	12.733	12.710	12.766	VV	2631	50955	0.32%	0.038%
298	12.806	12.766	12.829	VV	3969	79414	0.49%	0.059%
299	12.845	12.829	12.866	VV	1691	24418	0.15%	0.018%

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300	12.901	12.866	12.923	VV	3365	63725	0.39%	0.047%
301	12.962	12.923	12.993	VV	70071	842559	5.21%	0.622%
302	13.019	12.993	13.073	VV	8432	150436	0.93%	0.111%
303	13.083	13.073	13.095	VV	753	8750	0.05%	0.006%
304	13.118	13.095	13.133	VV	979	17150	0.11%	0.013%
305	13.146	13.133	13.172	VV	825	10892	0.07%	0.008%
306	13.213	13.172	13.247	PV	2084	44950	0.28%	0.033%
307	13.261	13.247	13.300	VV	1419	22218	0.14%	0.016%
308	13.318	13.300	13.339	PV	4580	57212	0.35%	0.042%
309	13.357	13.339	13.363	VV	2977	30296	0.19%	0.022%
310	13.406	13.363	13.437	VV	1111517	16157549	100.00%	11.924%
311	13.458	13.437	13.479	VV	522503	6077341	37.61%	4.485%
312	13.488	13.479	13.536	VV	40128	469283	2.90%	0.346%
313	13.582	13.536	13.606	VV	18694	309032	1.91%	0.228%
314	13.632	13.606	13.705	VV	105562	1421836	8.80%	1.049%
315	13.720	13.705	13.730	VV	957	9682	0.06%	0.007%
316	13.751	13.730	13.757	VV	1835	18928	0.12%	0.014%
317	13.769	13.757	13.781	VV	2195	24330	0.15%	0.018%
318	13.803	13.781	13.835	VV	12843	180567	1.12%	0.133%
319	13.849	13.835	13.881	VV	1415	28289	0.18%	0.021%
320	13.923	13.881	13.946	VV	2557	48591	0.30%	0.036%
321	13.960	13.946	13.985	VV	1565	22309	0.14%	0.016%
322	14.031	13.985	14.046	VV	1478	36841	0.23%	0.027%
323	14.060	14.046	14.065	VV	1420	13159	0.08%	0.010%
324	14.068	14.065	14.075	VV	1342	7769	0.05%	0.006%
325	14.091	14.075	14.096	VV	1338	15557	0.10%	0.011%
326	14.105	14.096	14.138	VV	1619	23366	0.14%	0.017%
327	14.166	14.138	14.202	VV	57827	761176	4.71%	0.562%
328	14.213	14.202	14.246	VV	1991	38223	0.24%	0.028%
329	14.286	14.246	14.317	VV	1902	51677	0.32%	0.038%
330	14.325	14.317	14.338	VV	388	3019	0.02%	0.002%
331	14.382	14.338	14.387	PV	2712	41808	0.26%	0.031%
332	14.401	14.387	14.421	VV	2873	42467	0.26%	0.031%
333	14.446	14.421	14.456	VV	2969	44007	0.27%	0.032%
334	14.469	14.456	14.513	VV	2858	51043	0.32%	0.038%
335	14.531	14.513	14.536	VV	2366	21696	0.13%	0.016%
336	14.554	14.536	14.570	VV	3278	49706	0.31%	0.037%
337	14.577	14.570	14.593	VV	2604	32042	0.20%	0.024%
338	14.641	14.593	14.668	VV	10934	262563	1.63%	0.194%
339	14.681	14.668	14.698	VV	2647	34096	0.21%	0.025%
340	14.724	14.698	14.763	VV	13471	235391	1.46%	0.174%
341	14.787	14.763	14.811	VV	12232	174669	1.08%	0.129%
342	14.846	14.811	14.872	VV	3197	77053	0.48%	0.057%
343	14.893	14.872	14.915	VV	2396	29425	0.18%	0.022%
344	14.943	14.915	14.968	PV	5312	72618	0.45%	0.054%
345	14.986	14.968	15.001	VV	1274	17578	0.11%	0.013%
346	15.069	15.001	15.101	VV	30418	462430	2.86%	0.341%
347	15.109	15.101	15.114	VV	1081	6956	0.04%	0.005%
348	15.120	15.114	15.128	VV	1042	6878	0.04%	0.005%
349	15.133	15.128	15.139	VV	781	3729	0.02%	0.003%
350	15.197	15.139	15.218	VV	6063	112946	0.70%	0.083%
351	15.273	15.218	15.309	VV	51088	714346	4.42%	0.527%

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352	15.343	15.309	15.376	VV	1921	46193	0.29%	0.034%
353	15.409	15.376	15.423	VV	2146	31567	0.20%	0.023%
354	15.456	15.423	15.469	VV	1142	22986	0.14%	0.017%
355	15.473	15.469	15.478	VV	469	1647	0.01%	0.001%
356	15.487	15.478	15.494	VV	707	4302	0.03%	0.003%
357	15.520	15.494	15.533	VV	1716	25619	0.16%	0.019%
358	15.542	15.533	15.558	VV	1358	14439	0.09%	0.011%
359	15.586	15.558	15.615	VV	1541	33087	0.20%	0.024%
360	15.655	15.615	15.686	VV	9990	176086	1.09%	0.130%
361	15.691	15.686	15.708	VV	1513	16770	0.10%	0.012%
362	15.723	15.708	15.737	VV	1296	17333	0.11%	0.013%
363	15.754	15.737	15.763	VV	996	10416	0.06%	0.008%
364	15.795	15.763	15.823	VV	5587	87548	0.54%	0.065%
365	15.854	15.823	15.902	VV	8740	176572	1.09%	0.130%
366	15.915	15.902	15.931	VV	2545	31104	0.19%	0.023%
367	15.936	15.931	15.957	VV	1784	13835	0.09%	0.010%
368	15.975	15.957	15.986	PV	1351	14408	0.09%	0.011%
369	16.006	15.986	16.015	VV	2892	32932	0.20%	0.024%
370	16.024	16.015	16.039	VV	2729	35480	0.22%	0.026%
371	16.049	16.039	16.087	VV	2628	47715	0.30%	0.035%
372	16.115	16.087	16.125	VV	1354	19499	0.12%	0.014%
373	16.127	16.125	16.147	VV	1136	8312	0.05%	0.006%
374	16.175	16.147	16.190	VV	1822	29019	0.18%	0.021%
375	16.214	16.190	16.230	VV	2087	34890	0.22%	0.026%
376	16.246	16.230	16.256	VV	1417	16554	0.10%	0.012%
377	16.261	16.256	16.266	VV	1320	6246	0.04%	0.005%
378	16.298	16.266	16.347	VV	46740	660022	4.08%	0.487%
379	16.360	16.347	16.377	VV	1911	24355	0.15%	0.018%
380	16.392	16.377	16.399	VV	1474	10289	0.06%	0.008%
381	16.405	16.399	16.410	VV	646	3363	0.02%	0.002%
382	16.412	16.410	16.420	VV	767	2482	0.02%	0.002%
383	16.425	16.420	16.430	VV	471	1398	0.01%	0.001%
384	16.436	16.430	16.447	PV	468	2686	0.02%	0.002%
385	16.491	16.447	16.500	VV	3709	70220	0.43%	0.052%
386	16.504	16.500	16.511	VV	2595	15633	0.10%	0.012%
387	16.516	16.511	16.533	VV	2233	24933	0.15%	0.018%
388	16.541	16.533	16.557	VV	1976	25294	0.16%	0.019%
389	16.596	16.557	16.613	VV	4086	97265	0.60%	0.072%
390	16.638	16.613	16.643	VV	3098	48836	0.30%	0.036%
391	16.674	16.643	16.718	VV	6137	165635	1.03%	0.122%
392	16.780	16.718	16.816	VV	7710	261112	1.62%	0.193%
393	16.845	16.816	16.854	VV	5132	90037	0.56%	0.066%
394	16.868	16.854	16.885	VV	5434	93259	0.58%	0.069%
395	16.900	16.885	16.907	VV	5550	68064	0.42%	0.050%
396	16.914	16.907	16.920	VV	5161	37832	0.23%	0.028%
397	16.924	16.920	16.932	VV	4654	30177	0.19%	0.022%
398	16.952	16.932	16.971	VV	5743	106069	0.66%	0.078%
399	16.995	16.971	17.025	VV	6949	155578	0.96%	0.115%
400	17.057	17.025	17.075	VV	5818	140891	0.87%	0.104%
401	17.089	17.075	17.103	VV	6052	86473	0.54%	0.064%
402	17.141	17.103	17.181	VV	6150	213245	1.32%	0.157%
403	17.253	17.181	17.288	VV	48620	944816	5.85%	0.697%
404	17.305	17.288	17.328	VV	9976	199546	1.24%	0.147%

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405	17.333	17.328	17.342	VV	7009	54608	0.34%	0.040%
406	17.356	17.342	17.369	VV	7278	109539	0.68%	0.081%
407	17.390	17.369	17.400	VV	7280	120436	0.75%	0.089%
408	17.430	17.400	17.434	VV	7750	140991	0.87%	0.104%
409	17.444	17.434	17.449	VV	8901	77693	0.48%	0.057%
410	17.464	17.449	17.476	VV	9181	141567	0.88%	0.104%
411	17.496	17.476	17.502	VV	10605	146682	0.91%	0.108%
412	17.505	17.502	17.525	VV	9759	118599	0.73%	0.088%
413	17.548	17.525	17.553	VV	9020	137351	0.85%	0.101%
414	17.570	17.553	17.601	VV	11328	278919	1.73%	0.206%
415	17.621	17.601	17.627	VV	10155	150736	0.93%	0.111%
416	17.645	17.627	17.660	VV	11407	205497	1.27%	0.152%
417	17.675	17.660	17.687	VV	12821	173904	1.08%	0.128%
418	17.707	17.687	17.720	VV	11802	217100	1.34%	0.160%
419	17.743	17.720	17.768	VV	10258	268259	1.66%	0.198%
420	17.777	17.768	17.785	VV	10971	101512	0.63%	0.075%
421	17.823	17.785	17.848	VV	13453	393234	2.43%	0.290%
422	17.883	17.848	17.910	VV	11620	354647	2.19%	0.262%
423	17.918	17.910	17.925	VV	9062	76913	0.48%	0.057%
424	17.941	17.925	17.956	VV	9567	165467	1.02%	0.122%
425	17.971	17.956	17.987	VV	9640	163702	1.01%	0.121%
426	17.997	17.987	18.016	VV	10337	164383	1.02%	0.121%
427	18.042	18.016	18.047	VV	12088	195195	1.21%	0.144%
428	18.053	18.047	18.060	VV	12455	90703	0.56%	0.067%
429	18.144	18.060	18.174	VV	56033	1428833	8.84%	1.054%
430	18.197	18.174	18.223	VV	13764	343890	2.13%	0.254%
431	18.233	18.223	18.238	VV	10851	95144	0.59%	0.070%
432	18.294	18.238	18.367	VV	21415	1144374	7.08%	0.844%
433	18.385	18.367	18.396	VV	13455	206296	1.28%	0.152%
434	18.401	18.396	18.409	VV	12181	92457	0.57%	0.068%
435	18.432	18.409	18.444	VV	13811	262555	1.62%	0.194%
436	18.452	18.444	18.456	VV	12823	82448	0.51%	0.061%
437	18.473	18.456	18.480	VV	15646	206714	1.28%	0.153%
438	18.505	18.480	18.542	VV	22747	669107	4.14%	0.494%
439	18.565	18.542	18.595	VV	19713	530438	3.28%	0.391%
440	18.620	18.595	18.625	VV	16202	278531	1.72%	0.206%
441	18.635	18.625	18.641	VV	17629	162631	1.01%	0.120%
442	18.664	18.641	18.685	VV	26815	555223	3.44%	0.410%
443	18.689	18.685	18.695	VV	19509	124212	0.77%	0.092%
444	18.704	18.695	18.723	VV	18940	284821	1.76%	0.210%
445	18.727	18.723	18.731	VV	16047	78685	0.49%	0.058%
446	18.736	18.731	18.748	VV	16954	166327	1.03%	0.123%
447	18.751	18.748	18.757	VV	16482	86605	0.54%	0.064%
448	18.778	18.757	18.804	VV	18934	476254	2.95%	0.351%
449	18.816	18.804	18.840	VV	18241	361603	2.24%	0.267%
450	18.863	18.840	18.868	VV	16913	265846	1.65%	0.196%
451	18.873	18.868	18.878	VV	18002	104474	0.65%	0.077%
452	18.887	18.878	18.901	VV	18889	237179	1.47%	0.175%
453	18.918	18.901	18.924	VV	18395	237580	1.47%	0.175%
454	18.930	18.924	18.935	VV	18573	115550	0.72%	0.085%
455	18.940	18.935	18.945	VV	19336	112781	0.70%	0.083%
456	18.981	18.945	19.033	VV	62131	1665269	10.31%	1.229%

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457	19.038	19.033	19.054	VV	20194	246360	1.52%	0.182%
458	19.088	19.054	19.110	VV	27378	752239	4.66%	0.555%
459	19.138	19.110	19.171	VV	26564	848258	5.25%	0.626%
460	19.177	19.171	19.183	VV	21725	156088	0.97%	0.115%
461	19.199	19.183	19.205	VV	21338	260955	1.62%	0.193%
462	19.218	19.205	19.233	VV	21153	345459	2.14%	0.255%
463	19.249	19.233	19.264	VV	23832	405067	2.51%	0.299%
464	19.276	19.264	19.282	VV	23097	249267	1.54%	0.184%
465	19.288	19.282	19.294	VV	23029	153777	0.95%	0.113%
466	19.337	19.294	19.363	VV	31282	1092637	6.76%	0.806%
467	19.383	19.363	19.401	VV	31931	654912	4.05%	0.483%
468	19.429	19.401	19.437	VV	30110	600732	3.72%	0.443%
469	19.441	19.437	19.446	VV	26881	150360	0.93%	0.111%
470	19.464	19.446	19.469	VV	29437	387700	2.40%	0.286%
471	19.488	19.469	19.501	VV	32695	590150	3.65%	0.436%
472	19.513	19.501	19.527	VV	32307	467094	2.89%	0.345%
473	19.554	19.527	19.563	VV	32263	624131	3.86%	0.461%
474	19.569	19.563	19.581	VV	29868	315894	1.96%	0.233%
475	19.588	19.581	19.594	VV	27236	192176	1.19%	0.142%
476	19.618	19.594	19.631	VV	28494	608984	3.77%	0.449%
477	19.665	19.631	19.682	VV	28742	830632	5.14%	0.613%
478	19.701	19.682	19.710	VV	27608	425179	2.63%	0.314%
479	19.716	19.710	19.723	VV	26148	202419	1.25%	0.149%
480	19.768	19.723	19.799	VV	61257	1847881	11.44%	1.364%
481	19.806	19.799	19.820	VV	38861	470280	2.91%	0.347%
482	19.827	19.820	19.839	VV	33240	363138	2.25%	0.268%
483	19.852	19.839	19.856	VV	33244	326503	2.02%	0.241%
484	19.863	19.856	19.869	VV	35057	261852	1.62%	0.193%
485	19.875	19.869	19.879	VV	34266	202159	1.25%	0.149%
486	19.896	19.879	19.908	VV	35880	592227	3.67%	0.437%
487	19.914	19.908	19.923	VV	33487	303085	1.88%	0.224%
488	19.948	19.923	19.956	VV	33948	647124	4.01%	0.478%
489	19.961	19.956	19.967	VV	34386	223166	1.38%	0.165%
490	19.978	19.967	19.986	VV	34288	381722	2.36%	0.282%
491	19.999	19.986	20.006	VV	33482	384037	2.38%	0.283%
492	20.011	20.006	20.021	VV	33726	284871	1.76%	0.210%
493	20.027	20.021	20.031	VV	33442	200838	1.24%	0.148%
494	20.057	20.031	20.072	VV	40783	906605	5.61%	0.669%
495	20.080	20.072	20.095	VV	39508	532650	3.30%	0.393%
496	20.121	20.095	20.151	VV	53216	1491685	9.23%	1.101%
497	20.155	20.151	20.172	VV	42303	538292	3.33%	0.397%
498	20.187	20.172	20.194	VV	43575	536891	3.32%	0.396%
499	20.201	20.194	20.223	VV	43425	704285	4.36%	0.520%
500	20.253	20.223	20.268	VV	41052	1057689	6.55%	0.781%
501	20.274	20.268	20.289	VV	40213	491245	3.04%	0.363%
502	20.300	20.289	20.308	VV	41866	477745	2.96%	0.353%
503	20.324	20.308	20.345	VV	43873	914499	5.66%	0.675%
504	20.349	20.345	20.355	VV	41948	250642	1.55%	0.185%
505	20.370	20.355	20.376	VV	42581	530252	3.28%	0.391%
506	20.382	20.376	20.391	VV	41168	348576	2.16%	0.257%
507	20.400	20.391	20.405	VV	43073	358306	2.22%	0.264%
508	20.424	20.405	20.444	VV	47256	1060054	6.56%	0.782%
509	20.455	20.444	20.464	VV	45636	531126	3.29%	0.392%

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510	20.470	20.464	20.476	VV	46260	311009	1.92%	0.230%
511	20.510	20.476	20.540	VV	75164	2256790	13.97%	1.665%
512	20.558	20.540	20.564	VV	54392	756770	4.68%	0.558%
513	20.569	20.564	20.578	VV	53361	437497	2.71%	0.323%
514	20.591	20.578	20.613	VV	55053	1090281	6.75%	0.805%
515	20.618	20.613	20.635	VV	48552	635618	3.93%	0.469%
516	20.657	20.635	20.672	VV	48402	1033005	6.39%	0.762%
517	20.680	20.672	20.688	VV	49572	449520	2.78%	0.332%
518	20.715	20.688	20.721	VV	50055	942740	5.83%	0.696%
519	20.732	20.721	20.739	VV	50385	520226	3.22%	0.384%
520	20.745	20.739	20.754	VV	49231	452014	2.80%	0.334%
521	20.774	20.754	20.781	VV	52541	798219	4.94%	0.589%
522	20.827	20.781	20.854	VV	58357	2376767	14.71%	1.754%
523	20.861	20.854	20.868	VV	53043	436823	2.70%	0.322%
524	20.872	20.868	20.877	VV	51650	274188	1.70%	0.202%
525	20.881	20.877	20.897	VV	51931	583195	3.61%	0.430%
526	20.902	20.897	20.913	VV	49471	466962	2.89%	0.345%
527	20.916	20.913	20.933	VV	47382	543980	3.37%	0.401%
528	20.938	20.933	20.943	VV	42962	240181	1.49%	0.177%
529	20.952	20.943	20.971	VV	42623	680531	4.21%	0.502%
530	20.979	20.971	20.985	VV	39907	332637	2.06%	0.245%
531	20.992	20.985	20.998	VV	39940	298593	1.85%	0.220%
532	21.005	20.998	21.011	VV	40938	312039	1.93%	0.230%
533	21.018	21.011	21.027	VV	40623	375223	2.32%	0.277%
534	21.056	21.027	21.074	VV	45700	1243279	7.69%	0.917%
535	21.080	21.074	21.084	VV	43644	246064	1.52%	0.182%
536	21.100	21.084	21.104	VV	46214	538012	3.33%	0.397%
537	21.115	21.104	21.127	VV	48639	646259	4.00%	0.477%
538	21.137	21.127	21.163	VV	46662	964569	5.97%	0.712%
539	21.169	21.163	21.189	VV	43840	651485	4.03%	0.481%
540	21.199	21.189	21.231	VV	42277	1017968	6.30%	0.751%
541	21.263	21.231	21.307	VV	56917	1991050	12.32%	1.469%
542	21.327	21.307	21.332	VV	34622	510019	3.16%	0.376%
543	21.339	21.332	21.347	VV	34392	288887	1.79%	0.213%
544	21.360	21.347	21.370	VV	34771	474297	2.94%	0.350%
545	21.377	21.370	21.403	VV	34079	629538	3.90%	0.465%
546	21.408	21.403	21.411	VV	31642	153064	0.95%	0.113%
547	21.416	21.411	21.428	VV	32100	317225	1.96%	0.234%
548	21.443	21.428	21.452	VV	34389	471657	2.92%	0.348%
549	21.456	21.452	21.465	VV	31355	236323	1.46%	0.174%
550	21.470	21.465	21.498	VV	31076	564910	3.50%	0.417%
551	21.506	21.498	21.513	VV	29465	254030	1.57%	0.187%
552	21.516	21.513	21.525	VV	27845	190231	1.18%	0.140%
553	21.530	21.525	21.541	VV	27621	253362	1.57%	0.187%
554	21.548	21.541	21.553	VV	25967	182929	1.13%	0.135%
555	21.557	21.553	21.560	VV	26234	109224	0.68%	0.081%
556	21.573	21.560	21.580	VV	27709	309924	1.92%	0.229%
557	21.603	21.580	21.633	VV	30584	931230	5.76%	0.687%
558	21.641	21.633	21.647	VV	29303	239690	1.48%	0.177%
559	21.651	21.647	21.665	VV	28384	294802	1.82%	0.218%
560	21.683	21.665	21.693	VV	30347	483839	2.99%	0.357%
561	21.713	21.693	21.718	VV	32565	464838	2.88%	0.343%

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562	21.723	21.718	21.771	VV	31889	847167	5.24%	0.625%
563	21.777	21.771	21.813	VV	23340	509041	3.15%	0.376%
564	21.820	21.813	21.834	VV	16056	198601	1.23%	0.147%
565	21.843	21.834	21.872	VV	16457	323100	2.00%	0.238%
566	21.879	21.872	21.884	VV	12106	81721	0.51%	0.060%
567	21.897	21.884	21.901	VV	14994	138021	0.85%	0.102%
568	21.913	21.901	21.924	VV	16496	219474	1.36%	0.162%
569	21.930	21.924	21.942	VV	16916	170240	1.05%	0.126%
570	21.948	21.942	21.955	VV	16915	121859	0.75%	0.090%
571	21.971	21.955	21.981	VV	16726	249942	1.55%	0.184%
572	21.995	21.981	22.000	VV	17800	178118	1.10%	0.131%
573	22.016	22.000	22.026	VV	19129	269482	1.67%	0.199%
574	22.048	22.026	22.060	VV	18650	333423	2.06%	0.246%
575	22.073	22.060	22.078	VV	16497	167918	1.04%	0.124%
576	22.095	22.078	22.102	VV	19238	255335	1.58%	0.188%
577	22.119	22.102	22.145	VV	20024	461545	2.86%	0.341%
578	22.149	22.145	22.160	VV	15891	132979	0.82%	0.098%
579	22.214	22.160	22.263	VV	25617	1042495	6.45%	0.769%
580	22.267	22.263	22.290	VV	9138	98780	0.61%	0.073%
581	22.296	22.290	22.311	VV	4140	35093	0.22%	0.026%
582	22.349	22.311	22.366	VV	2926	66154	0.41%	0.049%
583	22.375	22.366	22.380	PV	2640	15025	0.09%	0.011%
584	22.385	22.380	22.390	VV	2940	14062	0.09%	0.010%
585	22.398	22.390	22.409	VV	3196	22669	0.14%	0.017%
586	22.419	22.409	22.425	VV	3928	23298	0.14%	0.017%
587	22.428	22.425	22.432	VV	2053	6858	0.04%	0.005%
588	22.441	22.432	22.460	VV	3026	29265	0.18%	0.022%
589	22.473	22.460	22.481	PV	2900	14625	0.09%	0.011%
					Sum of corrected areas:		135509789	

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