

Instrument :

FID_G

ClientSampleId :

ISCO-SOIL-IDW-11082021

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/15/2021

Supervised By :mohammad ahmed 11/15/2021

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11122
Data File : FG009044.D
Signal(s) : FID1A.ch
Acq On : 12 Nov 2021 20:52
Sample : M4603-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.017	1.997	2.029	BV	799	11976	0.56%	0.018%
2	2.034	2.029	2.050	VV	780	9006	0.42%	0.014%
3	2.056	2.050	2.072	VV	709	8272	0.39%	0.013%
4	2.081	2.072	2.091	VV	742	7811	0.37%	0.012%
5	2.097	2.091	2.131	VV	770	16542	0.78%	0.025%
6	2.144	2.131	2.151	VV	758	7810	0.37%	0.012%
7	2.164	2.151	2.187	VV	772	14669	0.69%	0.023%
8	2.198	2.187	2.211	VV	742	10046	0.47%	0.015%
9	2.219	2.211	2.227	VV	759	6315	0.30%	0.010%
10	2.236	2.227	2.249	VV	793	9192	0.43%	0.014%
11	2.253	2.249	2.259	VV	666	3871	0.18%	0.006%
12	2.264	2.259	2.279	VV	719	7821	0.37%	0.012%
13	2.284	2.279	2.297	VV	705	7213	0.34%	0.011%
14	2.306	2.297	2.329	VV	740	12440	0.59%	0.019%
15	2.337	2.329	2.368	VV	788	15720	0.74%	0.024%
16	2.373	2.368	2.385	VV	731	6346	0.30%	0.010%
17	2.391	2.385	2.396	VV	662	4372	0.21%	0.007%
18	2.403	2.396	2.423	VV	740	10158	0.48%	0.016%
19	2.427	2.423	2.450	VV	714	9855	0.46%	0.015%
20	2.453	2.450	2.460	VV	637	3589	0.17%	0.006%
21	2.464	2.460	2.471	VV	623	3722	0.18%	0.006%
22	2.496	2.471	2.504	VV	734	12386	0.58%	0.019%
23	2.505	2.504	2.526	VV	712	8536	0.40%	0.013%
24	2.529	2.526	2.535	VV	720	3146	0.15%	0.005%
25	2.544	2.535	2.557	VV	725	8564	0.40%	0.013%
26	2.567	2.557	2.579	VV	693	8636	0.41%	0.013%
27	2.583	2.579	2.597	VV	738	6901	0.32%	0.011%
28	2.603	2.597	2.630	VV	774	11161	0.53%	0.017%
29	2.634	2.630	2.654	VV	426	5299	0.25%	0.008%
30	2.669	2.654	2.683	VV	507	6666	0.31%	0.010%
31	2.706	2.683	2.723	VV	505	10380	0.49%	0.016%
32	2.726	2.723	2.730	VV	485	1849	0.09%	0.003%
33	2.739	2.730	2.747	VV	510	4627	0.22%	0.007%
34	2.756	2.747	2.775	VV	462	6826	0.32%	0.010%
35	2.787	2.775	2.800	VV	482	6270	0.30%	0.010%
36	2.815	2.800	2.856	VV	657	16457	0.78%	0.025%

37	2.900	2.856	2.956	VV	754	30998	1.46%	0.048%
38	2.960	2.956	2.971	VV	457	3608		
39	2.986	2.971	3.008	VV	537	10446		
40	3.014	3.008	3.026	VV	503	4485		
41	3.031	3.026	3.045	VV	502	4531		
42	3.049	3.045	3.053	VV	429	2043		
43	3.063	3.053	3.090	VV	515	9239	0.44%	0.014%
44	3.124	3.090	3.140	VV	598	13102	0.62%	0.020%
45	3.147	3.140	3.157	VV	428	3748	0.18%	0.006%
46	3.170	3.157	3.175	VV	394	3971	0.19%	0.006%
47	3.188	3.175	3.204	VV	518	7116	0.34%	0.011%
48	3.217	3.204	3.227	VV	422	4936	0.23%	0.008%
49	3.250	3.227	3.264	VV	466	8007	0.38%	0.012%
50	3.280	3.264	3.290	VV	396	5336	0.25%	0.008%
51	3.307	3.290	3.324	VV	381	6711	0.32%	0.010%
52	3.343	3.324	3.355	VV	428	6528	0.31%	0.010%
53	3.365	3.355	3.405	VV	659	14463	0.68%	0.022%
54	3.412	3.405	3.445	VV	391	7801	0.37%	0.012%
55	3.451	3.445	3.474	VV	393	6170	0.29%	0.009%
56	3.483	3.474	3.513	VV	381	7707	0.36%	0.012%
57	3.516	3.513	3.523	VV	345	1800	0.08%	0.003%
58	3.527	3.523	3.536	VV	337	2277	0.11%	0.004%
59	3.545	3.536	3.553	VV	314	2793	0.13%	0.004%
60	3.558	3.553	3.582	VV	353	5153	0.24%	0.008%
61	3.587	3.582	3.595	VV	288	2140	0.10%	0.003%
62	3.598	3.595	3.603	VV	307	1411	0.07%	0.002%
63	3.607	3.603	3.615	VV	367	2062	0.10%	0.003%
64	3.632	3.615	3.656	VV	483	8265	0.39%	0.013%
65	3.662	3.656	3.684	VV	353	4090	0.19%	0.006%
66	3.692	3.684	3.722	VV	337	5782	0.27%	0.009%
67	3.733	3.722	3.747	VV	399	4211	0.20%	0.006%
68	3.754	3.747	3.779	VV	391	5400	0.25%	0.008%
69	3.788	3.779	3.798	VV	333	3272	0.15%	0.005%
70	3.814	3.798	3.831	VV	413	5991	0.28%	0.009%
71	3.834	3.831	3.846	VV	298	2288	0.11%	0.004%
72	3.863	3.846	3.886	VV	424	7828	0.37%	0.012%
73	3.890	3.886	3.897	VV	357	1918	0.09%	0.003%
74	3.903	3.897	3.916	VV	340	3474	0.16%	0.005%
75	3.951	3.916	4.012	VV	712	20825	0.98%	0.032%
76	4.039	4.012	4.055	VV	501	10165	0.48%	0.016%
77	4.062	4.055	4.089	VV	502	7347	0.35%	0.011%
78	4.100	4.089	4.106	VV	430	3369	0.16%	0.005%
79	4.110	4.106	4.114	VV	287	1469	0.07%	0.002%
80	4.132	4.114	4.143	VV	486	6373	0.30%	0.010%
81	4.145	4.143	4.160	VV	314	2228	0.10%	0.003%
82	4.175	4.160	4.183	VV	277	3102	0.15%	0.005%
83	4.213	4.183	4.231	VV	648	11804	0.56%	0.018%
84	4.240	4.231	4.255	VV	506	5915	0.28%	0.009%
85	4.259	4.255	4.266	VV	474	2543	0.12%	0.004%
86	4.268	4.266	4.275	VV	374	1746	0.08%	0.003%
87	4.280	4.275	4.294	VV	375	3410	0.16%	0.005%
88	4.305	4.294	4.316	VV	344	3969	0.19%	0.006%
89	4.320	4.316	4.325	VV	327	1700	0.08%	0.003%

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90	4.331	4.325	4.345	VV	425	4173	0.20%	0.006%
91	4.352	4.345	4.374	VV	423	5407		
92	4.395	4.374	4.419	VV	437	8747		
93	4.439	4.419	4.459	VV	1046	15715		
94	4.465	4.459	4.473	VV	520	3311		
95	4.484	4.473	4.505	VV	548	8953		
96	4.511	4.505	4.543	VV	479	8116	0.38%	0.012%
97	4.548	4.543	4.554	VV	347	1775	0.08%	0.003%
98	4.563	4.554	4.573	VV	355	3140	0.15%	0.005%
99	4.577	4.573	4.580	VV	312	1242	0.06%	0.002%
100	4.584	4.580	4.588	VV	261	1263	0.06%	0.002%
101	4.601	4.588	4.620	VV	391	5838	0.27%	0.009%
102	4.626	4.620	4.656	VV	332	5984	0.28%	0.009%
103	4.663	4.656	4.676	VV	275	2716	0.13%	0.004%
104	4.690	4.676	4.706	VV	565	6935	0.33%	0.011%
105	4.720	4.706	4.740	VV	405	6300	0.30%	0.010%
106	4.742	4.740	4.745	VV	341	949	0.04%	0.001%
107	4.750	4.745	4.762	VV	338	2802	0.13%	0.004%
108	4.767	4.762	4.782	VV	370	3361	0.16%	0.005%
109	4.788	4.782	4.795	VV	231	1590	0.07%	0.002%
110	4.812	4.795	4.835	VV	354	6159	0.29%	0.009%
111	4.846	4.835	4.869	VV	473	6530	0.31%	0.010%
112	4.875	4.869	4.881	VV	244	1407	0.07%	0.002%
113	4.912	4.881	4.945	VV	678	14022	0.66%	0.022%
114	4.961	4.945	4.970	VV	254	2822	0.13%	0.004%
115	4.972	4.970	5.024	VV	289	6093	0.29%	0.009%
116	5.050	5.024	5.061	PV	292	4423	0.21%	0.007%
117	5.083	5.061	5.100	VV	485	7415	0.35%	0.011%
118	5.119	5.100	5.145	VV	460	8692	0.41%	0.013%
119	5.179	5.145	5.225	VV	530	13826	0.65%	0.021%
120	5.227	5.225	5.244	VV	199	1207	0.06%	0.002%
121	5.249	5.244	5.255	VV	152	724	0.03%	0.001%
122	5.282	5.255	5.290	VV	341	3942	0.19%	0.006%
123	5.303	5.290	5.311	VV	315	2761	0.13%	0.004%
124	5.316	5.311	5.330	VV	448	2058	0.10%	0.003%
125	5.373	5.330	5.409	VV	600	14811	0.70%	0.023%
126	5.424	5.409	5.456	VV	251	4861	0.23%	0.007%
127	5.482	5.456	5.499	VV	1724	24608	1.16%	0.038%
128	5.503	5.499	5.538	VV	1218	16905	0.80%	0.026%
129	5.545	5.538	5.563	VV	359	4348	0.20%	0.007%
130	5.565	5.563	5.571	VV	313	1167	0.05%	0.002%
131	5.575	5.571	5.585	VV	235	1485	0.07%	0.002%
132	5.607	5.585	5.625	VV	261	3727	0.18%	0.006%
133	5.633	5.625	5.644	VV	215	1815	0.09%	0.003%
134	5.664	5.644	5.699	VV	905	13453	0.63%	0.021%
135	5.721	5.699	5.735	VV	294	4464	0.21%	0.007%
136	5.774	5.735	5.808	VV	864	19462	0.92%	0.030%
137	5.826	5.808	5.844	VV	557	6165	0.29%	0.009%
138	5.866	5.844	5.909	VV	668	13967	0.66%	0.021%
139	5.936	5.909	5.960	PV	450	7854	0.37%	0.012%
140	5.984	5.960	6.021	VV	578	11551	0.54%	0.018%
141	6.032	6.021	6.056	VV	578	8381	0.39%	0.013%

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0.20% 0.006%

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142	6.077	6.056	6.108	VV	844	13199	0.62%	0.020%
143	6.123	6.108	6.151	VV	634	10237		
144	6.182	6.151	6.197	VV	843	14485		
145	6.216	6.197	6.236	VV	544	8723		
146	6.253	6.236	6.280	VV	592	9182		
147	6.300	6.280	6.323	VV	659	9401		
148	6.341	6.323	6.363	VV	425	7065	0.33%	0.011%
149	6.396	6.363	6.400	VV	523	7652	0.36%	0.012%
150	6.406	6.400	6.432	VV	555	7763	0.37%	0.012%
151	6.465	6.432	6.515	VV	2422	44068	2.08%	0.068%
152	6.520	6.515	6.542	VV	344	4130	0.19%	0.006%
153	6.556	6.542	6.568	VV	304	3875	0.18%	0.006%
154	6.611	6.568	6.632	VV	1419	22597	1.06%	0.035%
155	6.649	6.632	6.655	VV	447	5893	0.28%	0.009%
156	6.661	6.655	6.679	VV	447	5210	0.25%	0.008%
157	6.682	6.679	6.714	VV	337	4515	0.21%	0.007%
158	6.731	6.714	6.740	VV	463	5335	0.25%	0.008%
159	6.746	6.740	6.766	VV	449	5339	0.25%	0.008%
160	6.786	6.766	6.812	VV	548	8695	0.41%	0.013%
161	6.824	6.812	6.839	VV	325	3883	0.18%	0.006%
162	6.874	6.839	6.903	VV	957	17796	0.84%	0.027%
163	6.906	6.903	6.935	VV	437	6434	0.30%	0.010%
164	6.938	6.935	6.948	VV	253	1959	0.09%	0.003%
165	6.967	6.948	6.974	VV	726	8084	0.38%	0.012%
166	6.982	6.974	7.006	VV	757	10679	0.50%	0.016%
167	7.025	7.006	7.052	VV	754	12824	0.60%	0.020%
168	7.067	7.052	7.089	VV	604	10436	0.49%	0.016%
169	7.101	7.089	7.114	VV	699	8038	0.38%	0.012%
170	7.122	7.114	7.150	VV	720	10354	0.49%	0.016%
171	7.168	7.150	7.210	VV	1331	22335	1.05%	0.034%
172	7.220	7.210	7.235	VV	394	4055	0.19%	0.006%
173	7.244	7.235	7.252	VV	391	3043	0.14%	0.005%
174	7.268	7.252	7.285	VV	582	7365	0.35%	0.011%
175	7.298	7.285	7.324	VV	352	7102	0.33%	0.011%
176	7.346	7.324	7.363	VV	448	8085	0.38%	0.012%
177	7.391	7.363	7.429	VV	2390	47285	2.23%	0.073%
178	7.434	7.429	7.437	VV	683	2979	0.14%	0.005%
179	7.442	7.437	7.472	VV	627	10016	0.47%	0.015%
180	7.478	7.472	7.497	VV	525	5989	0.28%	0.009%
181	7.507	7.497	7.516	VV	419	3712	0.17%	0.006%
182	7.520	7.516	7.537	VV	275	3444	0.16%	0.005%
183	7.566	7.537	7.590	VV	797	15565	0.73%	0.024%
184	7.594	7.590	7.616	VV	418	4992	0.24%	0.008%
185	7.620	7.616	7.640	VV	300	2729	0.13%	0.004%
186	7.651	7.640	7.658	VV	294	2326	0.11%	0.004%
187	7.681	7.658	7.701	VV	339	6363	0.30%	0.010%
188	7.730	7.701	7.750	VV	431	9091	0.43%	0.014%
189	7.773	7.750	7.788	VV	364	5701	0.27%	0.009%
190	7.795	7.788	7.805	VV	218	1509	0.07%	0.002%
191	7.828	7.805	7.835	VV	456	5316	0.25%	0.008%
192	7.847	7.835	7.853	VV	414	3982	0.19%	0.006%
193	7.859	7.853	7.893	VV	717	9261	0.44%	0.014%
194	7.907	7.893	7.936	VV	418	7622	0.36%	0.012%

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195	7.962	7.936	7.986	VV	535	9189	0.43%	0.014%
196	8.006	7.986	8.060	VV	677	16972		
197	8.083	8.060	8.121	VV	1037	16018		
198	8.136	8.121	8.162	VV	375	7257		
199	8.173	8.162	8.196	VV	428	6851		
200	8.268	8.196	8.303	VV	1530	43144		
201	8.312	8.303	8.326	VV	606	7354	0.35%	0.011%
202	8.330	8.326	8.349	VV	424	5257	0.25%	0.008%
203	8.354	8.349	8.367	VV	456	4424	0.21%	0.007%
204	8.405	8.367	8.409	VV	797	14224	0.67%	0.022%
205	8.413	8.409	8.417	VV	776	3434	0.16%	0.005%
206	8.427	8.417	8.448	VV	979	14152	0.67%	0.022%
207	8.452	8.448	8.456	VV	503	2193	0.10%	0.003%
208	8.459	8.456	8.471	VV	536	3751	0.18%	0.006%
209	8.477	8.471	8.479	VV	470	2152	0.10%	0.003%
210	8.488	8.479	8.549	VV	547	16188	0.76%	0.025%
211	8.552	8.549	8.590	VV	315	5011	0.24%	0.008%
212	8.596	8.590	8.604	VV	189	1244	0.06%	0.002%
213	8.626	8.604	8.633	VV	333	3591	0.17%	0.006%
214	8.638	8.633	8.641	VV	285	1184	0.06%	0.002%
215	8.652	8.641	8.672	VV	365	6282	0.30%	0.010%
216	8.722	8.672	8.746	VV	849	26232	1.24%	0.040%
217	8.758	8.746	8.773	VV	553	7725	0.36%	0.012%
218	8.800	8.773	8.839	VV	992	23910	1.13%	0.037%
219	8.859	8.839	8.869	VV	460	6647	0.31%	0.010%
220	8.878	8.869	8.904	VV	447	7529	0.35%	0.012%
221	8.913	8.904	8.919	VV	355	2667	0.13%	0.004%
222	8.924	8.919	8.937	VV	452	4228	0.20%	0.007%
223	8.943	8.937	8.974	VV	442	7308	0.34%	0.011%
224	8.992	8.974	9.006	VV	548	7990	0.38%	0.012%
225	9.026	9.006	9.057	VV	507	12282	0.58%	0.019%
226	9.061	9.057	9.073	VV	409	3462	0.16%	0.005%
227	9.097	9.073	9.126	VV	879	20274	0.95%	0.031%
228	9.139	9.126	9.215	VV	596	21429	1.01%	0.033%
229	9.221	9.215	9.227	VV	306	1955	0.09%	0.003%
230	9.244	9.227	9.266	VV	331	5918	0.28%	0.009%
231	9.269	9.266	9.276	VV	272	1349	0.06%	0.002%
232	9.304	9.276	9.314	VV	414	5964	0.28%	0.009%
233	9.323	9.314	9.361	VV	342	6295	0.30%	0.010%
234	9.377	9.361	9.387	VV	319	3852	0.18%	0.006%
235	9.396	9.387	9.420	VV	377	5052	0.24%	0.008%
236	9.427	9.420	9.431	VV	273	1564	0.07%	0.002%
237	9.435	9.431	9.444	VV	273	1563	0.07%	0.002%
238	9.460	9.444	9.467	VV	397	4160	0.20%	0.006%
239	9.492	9.467	9.501	VV	543	8934	0.42%	0.014%
240	9.504	9.501	9.524	VV	509	5806	0.27%	0.009%
241	9.551	9.524	9.586	VV	642	17453	0.82%	0.027%
242	9.589	9.586	9.619	VV	453	7640	0.36%	0.012%
243	9.627	9.619	9.647	VV	483	6328	0.30%	0.010%
244	9.652	9.647	9.679	VV	446	6047	0.28%	0.009%
245	9.682	9.679	9.689	VV	302	1592	0.07%	0.002%
246	9.706	9.689	9.746	VV	312	8352	0.39%	0.013%

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247	9.752	9.746	9.788	VV	280	5302	0.25%	0.008%
248	9.825	9.788	9.854	VV	415	12684	0.00%	0.000%
249	9.876	9.854	9.965	VV	988	28699	0.00%	0.000%
250	9.976	9.965	10.021	VV	342	6809	0.00%	0.000%
251	10.054	10.021	10.104	VV	189	5406	0.00%	0.000%
252	10.113	10.104	10.124	PV	128	856	0.00%	0.000%
253	10.150	10.124	10.182	VV	141	2558	0.12%	0.004%
254	10.220	10.182	10.237	PV	201	3606	0.17%	0.006%
255	10.261	10.237	10.296	VV	685	11277	0.53%	0.017%
256	10.345	10.296	10.381	VV	355	11412	0.54%	0.018%
257	10.411	10.381	10.450	VV	462	10041	0.47%	0.015%
258	10.536	10.450	10.567	VV	474	17972	0.85%	0.028%
259	10.614	10.567	10.642	VV	994	22327	1.05%	0.034%
260	10.648	10.642	10.660	VV	432	4084	0.19%	0.006%
261	10.684	10.660	10.736	VV	1035	25117	1.18%	0.039%
262	10.747	10.736	10.792	VV	407	7711	0.36%	0.012%
263	10.801	10.792	10.809	VV	181	1142	0.05%	0.002%
264	10.827	10.809	10.868	PV	280	6184	0.29%	0.010%
265	10.898	10.868	10.964	VV	3372	96133	4.53%	0.148%
266	10.986	10.964	11.103	VV	1272	62199	2.93%	0.096%
267	11.109	11.103	11.172	VV	367	10851	0.51%	0.017%
268	11.183	11.172	11.217	VV	245	4349	0.20%	0.007%
269	11.250	11.217	11.272	VV	443	9794	0.46%	0.015%
270	11.319	11.272	11.359	VV	1155	25035	1.18%	0.038%
271	11.366	11.359	11.386	VV	263	3265	0.15%	0.005%
272	11.407	11.386	11.477	VV	778	16472	0.78%	0.025%
273	11.481	11.477	11.497	VV	189	1384	0.07%	0.002%
274	11.508	11.497	11.533	VV	153	2423	0.11%	0.004%
275	11.559	11.533	11.569	VV	188	2746	0.13%	0.004%
276	11.574	11.569	11.596	VV	168	1804	0.08%	0.003%
277	11.614	11.596	11.670	VV	252	5344	0.25%	0.008%
278	11.710	11.670	11.724	PV	681	13146	0.62%	0.020%
279	11.734	11.724	11.781	VV	730	17617	0.83%	0.027%
280	11.810	11.781	11.839	VV	1509	30334	1.43%	0.047%
281	11.843	11.839	11.862	VV	748	9319	0.44%	0.014%
282	11.877	11.862	11.916	VV	759	17394	0.82%	0.027%
283	11.924	11.916	11.949	VV	412	5064	0.24%	0.008%
284	11.989	11.949	12.022	VV	1129	22483	1.06%	0.035%
285	12.047	12.022	12.082	VV	617	13758	0.65%	0.021%
286	12.099	12.082	12.162	VV	565	13081	0.62%	0.020%
287	12.190	12.162	12.228	PV	492	13222	0.62%	0.020%
288	12.261	12.228	12.292	VV	547	14647	0.69%	0.023%
289	12.306	12.292	12.334	VV	236	3962	0.19%	0.006%
290	12.370	12.334	12.414	VV	460	11240	0.53%	0.017%
291	12.423	12.414	12.442	VV	182	2507	0.12%	0.004%
292	12.488	12.442	12.537	VV	351	9309	0.44%	0.014%
293	12.594	12.537	12.612	PV	1095	22161	1.04%	0.034%
294	12.633	12.612	12.684	VV	1407	28973	1.36%	0.045%
295	12.714	12.684	12.800	VV	11957	230270	10.84%	0.354%
296	12.812	12.800	12.850	VV	503	12037	0.57%	0.019%
297	12.867	12.850	12.886	VV	348	6529	0.31%	0.010%
298	12.905	12.886	12.946	VV	528	13005	0.61%	0.020%
299	12.957	12.946	12.984	VV	314	5241	0.25%	0.008%

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300	13.013	12.984	13.057	VV	12011	192751	9.08%	0.296%
301	13.072	13.057	13.096	VV	2261	36799		
302	13.122	13.096	13.174	VV	2215	57638		
303	13.189	13.174	13.229	VV	720	18303		
304	13.248	13.229	13.276	VV	1059	20088		
305	13.303	13.276	13.331	VV	1150	27864		
306	13.342	13.331	13.387	VV	959	18902	0.89%	0.029%
307	13.426	13.387	13.457	VV	503	16527	0.78%	0.025%
308	13.480	13.457	13.501	VV	838	16971	0.80%	0.026%
309	13.526	13.501	13.567	VV	554	13959	0.66%	0.021%
310	13.620	13.567	13.691	PV	1387	58010	2.73%	0.089%
311	13.726	13.691	13.742	VV	985	16623	0.78%	0.026%
312	13.764	13.742	13.772	VV	1459	20070	0.95%	0.031%
313	13.787	13.772	13.815	VV	1400	27758	1.31%	0.043%
314	13.840	13.815	13.851	VV	1212	19449	0.92%	0.030%
315	13.887	13.851	13.913	VV	1765	44157	2.08%	0.068%
316	13.931	13.913	13.964	VV	991	22377	1.05%	0.034%
317	13.985	13.964	14.024	VV	672	15347	0.72%	0.024%
318	14.058	14.024	14.102	VV	726	20527	0.97%	0.032%
319	14.114	14.102	14.136	VV	345	5148	0.24%	0.008%
320	14.146	14.136	14.170	VV	341	3945	0.19%	0.006%
321	14.202	14.170	14.227	PV	461	7893	0.37%	0.012%
322	14.253	14.227	14.277	VV	496	7922	0.37%	0.012%
323	14.349	14.277	14.374	VV	1448	33246	1.57%	0.051%
324	14.401	14.374	14.424	VV	984	18221	0.86%	0.028%
325	14.464	14.424	14.492	VV	934	24932	1.17%	0.038%
326	14.547	14.492	14.567	VV	1224	28042	1.32%	0.043%
327	14.592	14.567	14.639	VV	1980	40150	1.89%	0.062%
328	14.657	14.639	14.680	VV	765	12625	0.59%	0.019%
329	14.704	14.680	14.714	VV	982	13432	0.63%	0.021%
330	14.738	14.714	14.763	VV	3269	48751	2.30%	0.075%
331	14.785	14.763	14.838	VV	821	16786	0.79%	0.026%
332	14.878	14.838	14.887	PV	1392	16066	0.76%	0.025%
333	14.911	14.887	14.928	VV	6065	92024	4.33%	0.141%
334	14.948	14.928	15.010	VV	7572	178282	8.40%	0.274%
335	15.042	15.010	15.051	VV	1527	29353	1.38%	0.045%
336	15.068	15.051	15.104	VV	1896	40996	1.93%	0.063%
337	15.125	15.104	15.161	VV	1285	24708	1.16%	0.038%
338	15.168	15.161	15.179	VV	231	1930	0.09%	0.003%
339	15.260	15.179	15.310	VV	1647	62372	2.94%	0.096%
340	15.344	15.310	15.352	PV	1449	24989	1.18%	0.038%
341	15.377	15.352	15.442	VV	2105	65732	3.10%	0.101%
342	15.469	15.442	15.522	PV	1439	41112	1.94%	0.063%
343	15.599	15.522	15.656	VV	3123	99544	4.69%	0.153%
344	15.691	15.656	15.707	VV	1078	17021	0.80%	0.026%
345	15.735	15.707	15.759	VV	1933	38215	1.80%	0.059%
346	15.773	15.759	15.812	VV	1591	26728	1.26%	0.041%
347	15.832	15.812	15.844	VV	807	10110	0.48%	0.016%
348	15.880	15.844	15.897	PV	1143	23549	1.11%	0.036%
349	15.929	15.897	15.944	VV	1535	33878	1.60%	0.052%
350	15.969	15.944	15.982	VV	2059	30837	1.45%	0.047%
351	16.034	15.982	16.072	VV	2617	92695	4.37%	0.143%

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352	16.109	16.072	16.129	VV	1192	22905	1.08%	0.035%	
353	16.161	16.129	16.206	PV	1996	51131	2.00%	0.035%	
354	16.282	16.206	16.322	PV	2332	91617	4.00%	0.035%	
355	16.345	16.322	16.357	PV	1160	15296	0.00%	0.035%	
356	16.377	16.357	16.407	VV	1932	35374	1.00%	0.035%	
357	16.413	16.407	16.420	VV	966	3828	0.00%	0.035%	
358	16.476	16.420	16.497	VV	12685	227288	10.70%	0.349%	
359	16.506	16.497	16.546	VV	5781	106087	5.00%	0.163%	
360	16.609	16.546	16.633	VV	4535	137922	6.50%	0.212%	
361	16.671	16.633	16.712	VV	2594	77824	3.67%	0.120%	
362	16.765	16.712	16.777	VV	2471	50784	2.39%	0.078%	
363	16.798	16.777	16.841	VV	8237	142308	6.70%	0.219%	
364	16.863	16.841	16.901	VV	8526	160849	7.58%	0.247%	
365	16.920	16.901	16.936	VV	3490	61959	2.92%	0.095%	
366	16.958	16.936	17.009	VV	4556	134732	6.35%	0.207%	
367	17.032	17.009	17.059	VV	1851	31287	1.47%	0.048%	
368	17.111	17.059	17.121	VV	2495	50668	2.39%	0.078%	
369	17.172	17.121	17.199	VV	6156	130307	6.14%	0.200%	
370	17.245	17.199	17.283	VV	8648	198893	9.37%	0.306%	
371	17.298	17.283	17.309	VV	3071	39042	1.84%	0.060%	
372	17.349	17.309	17.392	VV	6023	191795	9.03%	0.295%	
373	17.404	17.392	17.437	VV	3948	84486	3.98%	0.130%	
374	17.452	17.437	17.462	VV	3794	46977	2.21%	0.072%	
375	17.491	17.462	17.519	VV	6296	127457	6.00%	0.196%	
376	17.552	17.519	17.597	VV	5195	160955	7.58%	0.247%	
377	17.604	17.597	17.619	VV	3113	28232	1.33%	0.043%	
378	17.649	17.619	17.679	VV	5374	110153	5.19%	0.169%	
379	17.737	17.679	17.747	VV	6188	161878	7.62%	0.249%	
380	17.767	17.747	17.777	VV	6458	94143	4.43%	0.145%	
381	17.815	17.777	17.846	VV	10399	269455	12.69%	0.414%	
382	17.870	17.846	17.884	VV	5279	94284	4.44%	0.145%	
383	17.887	17.884	17.896	VV	4311	27028	1.27%	0.042%	
384	17.963	17.896	17.984	VV	25171	550329	25.92%	0.846%	
385	17.992	17.984	18.058	VV	12069	370748	17.46%	0.570%	
386	18.067	18.058	18.087	VV	6594	101196	4.77%	0.156%	
387	18.093	18.087	18.117	VV	6854	105097	4.95%	0.162%	
388	18.166	18.117	18.209	VV	10966	483045	22.75%	0.743%	
389	18.245	18.209	18.271	VV	14235	398149	18.75%	0.612%	
390	18.283	18.271	18.306	VV	10468	204774	9.64%	0.315%	
391	18.333	18.306	18.354	VV	25456	476416	22.44%	0.732%	
392	18.367	18.354	18.391	VV	14145	275540	12.98%	0.424%	
393	18.393	18.391	18.434	VV	11969	283028	13.33%	0.435%	
394	18.454	18.434	18.472	VV	11531	239837	11.29%	0.369%	
395	18.500	18.472	18.549	VV	18137	610509	28.75%	0.939%	
396	18.649	18.549	18.702	VV	18815	1156232	54.45%	1.778%	
397	18.757	18.702	18.783	VV	27733	815401	38.40%	1.254%	
398	18.806	18.783	18.869	VV	27254	949292	44.71%	1.459%	
399	18.889	18.869	18.902	VV	17049	316846	14.92%	0.487%	
400	18.932	18.902	18.984	VV	20621	843457	39.72%	1.297%	
401	19.038	18.984	19.057	VV	20337	797263	37.55%	1.226%	
402	19.090	19.057	19.132	VV	27728	953159	44.89%	1.465%	
403	19.161	19.132	19.194	VV	26562	812162	38.25%	1.249%	
404	19.224	19.194	19.237	VV	22020	552325	26.01%	0.849%	

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Area	Area	Area	Area	Area	Area	Area	Area	Area
405	19.259	19.237	19.295	VV	24154	746279	35.15%	1.147%
406	19.303	19.295	19.314	VV	22105	240992	11.00%	0.00%
407	19.326	19.314	19.335	VV	24312	277318	13.00%	0.00%
408	19.367	19.335	19.397	VV	23608	835388	39.00%	0.00%
409	19.437	19.397	19.447	VV	28426	740102	34.00%	0.00%
410	19.471	19.447	19.527	VV	33810	1309320	61.00%	0.00%
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411	19.569	19.527	19.593	VV	33604	1106096	52.09%	1.701%
412	19.613	19.593	19.630	VV	27825	611430	28.79%	0.940%
413	19.678	19.630	19.701	VV	33889	1287137	60.62%	1.979%
414	19.741	19.701	19.766	VV	33986	1237829	58.29%	1.903%
415	19.807	19.766	19.846	VV	41441	1748078	82.32%	2.687%
416	19.865	19.846	19.915	VV	41937	1478362	69.62%	2.273%
417	19.984	19.915	20.012	VV	37990	2037633	95.96%	3.133%
418	20.066	20.012	20.077	VV	42381	1494964	70.40%	2.298%
419	20.095	20.077	20.126	VV	46681	1291222	60.81%	1.985%
420	20.178	20.126	20.209	VV	49981	2123402	100.00%	3.265%
421	20.257	20.209	20.281	VV	50246	1885882	88.81%	2.899%
422	20.331	20.281	20.347	VV	49037	1736250	81.77%	2.669%
423	20.350	20.347	20.367	VV	47196	518151	24.40%	0.797%
424	20.397	20.367	20.417	VV	47894	1368086	64.43%	2.103%
425	20.426	20.417	20.444	VV	45012	698131	32.88%	1.073%
426	20.454	20.444	20.472	VV	44795	713303	33.59%	1.097%
427	20.492	20.472	20.511	VV	44818	1002836	47.23%	1.542%
428	20.540	20.511	20.570	VV	54493	1643628	77.41%	2.527%
429	20.595	20.570	20.627	VV	44168	1397345	65.81%	2.148%
430	20.652	20.627	20.705	VV	42896	1846423	86.96%	2.839%
431	20.716	20.705	20.730	VV	41616	605524	28.52%	0.931%
432	20.738	20.730	20.764	VV	38064	749285	35.29%	1.152%
433	20.773	20.764	20.786	VV	39409	501831	23.63%	0.772%
434	20.796	20.786	20.824	VV	38014	835545	39.35%	1.285%
435	20.836	20.824	20.871	VV	38458	960057	45.21%	1.476%
436	20.887	20.871	20.897	VV	34664	520329	24.50%	0.800%
437	20.931	20.897	20.969	VV	41826	1481905	69.79%	2.278%
438	20.974	20.969	20.987	VV	30505	316220	14.89%	0.486%
439	20.991	20.987	21.052	VV	29770	1060417	49.94%	1.630%
440	21.078	21.052	21.091	VV	29241	622436	29.31%	0.957%
441	21.102	21.091	21.131	VV	27011	619509	29.18%	0.952%
442	21.137	21.131	21.148	VV	25809	253097	11.92%	0.389%
443	21.162	21.148	21.190	VV	26600	603198	28.41%	0.927%
444	21.218	21.190	21.237	VV	25107	647667	30.50%	0.996%
445	21.244	21.237	21.309	VV	23396	897685	42.28%	1.380%
446	21.372	21.309	21.412	VV	26480	1249577	58.85%	1.921%
447	21.416	21.412	21.434	VV	16545	198851	9.36%	0.306%</

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