

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055250.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2021 4:07
 Sample : M3414-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.143	3.086	3.171	BV	99057	1444944	16.58%	0.648%
2	3.185	3.171	3.216	VV	20992	228099	2.62%	0.102%
3	3.237	3.216	3.247	PV	51803	453339	5.20%	0.203%
4	3.257	3.247	3.269	VV	52046	512097	5.88%	0.229%
5	3.279	3.269	3.296	VV	40379	416076	4.77%	0.186%
6	3.312	3.296	3.323	VV	47877	472772	5.43%	0.212%
7	3.338	3.323	3.363	VV	84920	1009070	11.58%	0.452%
8	3.370	3.363	3.380	VV	15978	131969	1.51%	0.059%
9	3.397	3.380	3.402	VV	78508	620194	7.12%	0.278%
10	3.413	3.402	3.432	VV	139110	1360404	15.61%	0.610%
11	3.460	3.432	3.480	VV	107421	1406341	16.14%	0.630%
12	3.483	3.480	3.489	VV	18483	94834	1.09%	0.042%
13	3.505	3.489	3.524	VV	175098	1805618	20.72%	0.809%
14	3.541	3.524	3.554	VV	212802	2152115	24.70%	0.964%
15	3.558	3.554	3.590	VV	104670	1572855	18.05%	0.705%
16	3.592	3.590	3.608	VV	28170	238750	2.74%	0.107%
17	3.625	3.608	3.633	VV	44393	511494	5.87%	0.229%
18	3.645	3.633	3.685	VV	65369	1066723	12.24%	0.478%
19	3.713	3.685	3.722	VV	134687	1557324	17.87%	0.698%
20	3.728	3.722	3.753	VV	113086	1118923	12.84%	0.501%
21	3.779	3.753	3.784	VV	131414	1167866	13.40%	0.523%
22	3.797	3.784	3.811	VV	315797	3021500	34.67%	1.354%
23	3.824	3.811	3.842	VV	292459	2817808	32.34%	1.263%
24	3.855	3.842	3.873	VV	84406	1036457	11.89%	0.464%
25	3.891	3.873	3.911	VV	335252	3257525	37.38%	1.460%
26	3.919	3.911	3.935	VV	24228	313574	3.60%	0.141%
27	3.956	3.935	3.982	VV	232228	2778517	31.89%	1.245%
28	3.995	3.982	4.003	VV	45058	500524	5.74%	0.224%
29	4.014	4.003	4.040	VV	49532	812801	9.33%	0.364%
30	4.050	4.040	4.071	VV	25064	288092	3.31%	0.129%
31	4.114	4.071	4.126	VV	70263	1084191	12.44%	0.486%
32	4.140	4.126	4.161	VV	101607	1179086	13.53%	0.528%
33	4.191	4.161	4.212	VV	86145	1204482	13.82%	0.540%
34	4.229	4.212	4.245	VV	86565	939983	10.79%	0.421%
35	4.256	4.245	4.275	VV	39672	496212	5.69%	0.222%
36	4.301	4.275	4.315	VV	26907	489907	5.62%	0.220%

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37	4.333	4.315	4.369	VV	126377	2366572	27.16%	1.061%
38	4.375	4.369	4.379	VV	42589	247274	2.84%	0.111%
39	4.385	4.379	4.396	VV	43994	416883	4.78%	0.187%
40	4.412	4.396	4.427	VV	82943	1075432	12.34%	0.482%
41	4.440	4.427	4.454	VV	92810	962351	11.04%	0.431%
42	4.466	4.454	4.475	VV	42218	450308	5.17%	0.202%
43	4.494	4.475	4.520	VV	103705	1650880	18.95%	0.740%
44	4.536	4.520	4.551	VV	253094	2616354	30.02%	1.173%
45	4.560	4.551	4.578	VV	130348	1481938	17.01%	0.664%
46	4.604	4.578	4.627	VV	290450	4192431	48.11%	1.879%
47	4.645	4.627	4.679	VV	100203	1659177	19.04%	0.744%
48	4.710	4.679	4.723	VV	73776	1118391	12.83%	0.501%
49	4.736	4.723	4.775	VV	80157	1563653	17.94%	0.701%
50	4.795	4.775	4.808	VV	147751	1604868	18.42%	0.719%
51	4.825	4.808	4.849	VV	298501	3752742	43.07%	1.682%
52	4.868	4.849	4.883	VV	364143	4243728	48.70%	1.902%
53	4.900	4.883	4.914	VV	781513	7747789	88.91%	3.472%
54	4.924	4.914	4.941	VV	224106	2239357	25.70%	1.004%
55	4.950	4.941	4.966	VV	68432	746196	8.56%	0.334%
56	4.979	4.966	4.997	VV	36111	540407	6.20%	0.242%
57	5.016	4.997	5.047	VV	37676	863694	9.91%	0.387%
58	5.087	5.047	5.098	VV	92969	1591374	18.26%	0.713%
59	5.102	5.098	5.133	VV	85325	1061278	12.18%	0.476%
60	5.147	5.133	5.157	VV	44827	520165	5.97%	0.233%
61	5.164	5.157	5.196	VV	36555	574963	6.60%	0.258%
62	5.217	5.196	5.236	VV	580352	5963098	68.43%	2.672%
63	5.249	5.236	5.273	VV	159804	2050917	23.54%	0.919%
64	5.287	5.273	5.321	VV	49324	942366	10.81%	0.422%
65	5.336	5.321	5.347	VV	28494	365567	4.20%	0.164%
66	5.360	5.347	5.367	VV	30109	314239	3.61%	0.141%
67	5.400	5.367	5.418	VV	340533	4482441	51.44%	2.009%
68	5.429	5.418	5.447	VV	179614	1995931	22.91%	0.894%
69	5.462	5.447	5.474	VV	78899	998237	11.46%	0.447%
70	5.493	5.474	5.530	VV	522853	6967565	79.96%	3.122%
71	5.546	5.530	5.573	VV	248191	3243415	37.22%	1.454%
72	5.585	5.573	5.590	VV	86369	794896	9.12%	0.356%
73	5.600	5.590	5.614	VV	118033	1304453	14.97%	0.585%
74	5.625	5.614	5.650	VV	92597	1339632	15.37%	0.600%
75	5.672	5.650	5.695	VV	155654	2312340	26.54%	1.036%
76	5.722	5.695	5.741	VV	139431	2196613	25.21%	0.984%
77	5.760	5.741	5.771	VV	220719	2567321	29.46%	1.151%
78	5.789	5.771	5.828	VV	326545	5475795	62.84%	2.454%
79	5.850	5.828	5.869	VV	156142	2196076	25.20%	0.984%
80	5.888	5.869	5.956	VV	266492	7260446	83.32%	3.254%
81	5.971	5.956	5.989	VV	187169	2149619	24.67%	0.963%
82	6.013	5.989	6.046	VV	258284	3832017	43.98%	1.717%
83	6.053	6.046	6.086	VV	33773	730828	8.39%	0.328%
84	6.111	6.086	6.159	VV	157217	2661507	30.54%	1.193%
85	6.190	6.159	6.236	VV	90606	2128500	24.43%	0.954%
86	6.271	6.236	6.286	VV	58063	1228855	14.10%	0.551%
87	6.305	6.286	6.321	VV	126859	1852428	21.26%	0.830%
88	6.335	6.321	6.359	VV	111410	1593787	18.29%	0.714%
89	6.385	6.359	6.400	VV	90966	1435915	16.48%	0.643%

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90	6.409	6.400	6.423	VV	58728	693767	7.96%	0.311%
91	6.430	6.423	6.445	VV	45422	505031	5.80%	0.226%
92	6.464	6.445	6.485	VV	240632	2737594	31.42%	1.227%
93	6.500	6.485	6.516	VV	63670	914413	10.49%	0.410%
94	6.520	6.516	6.528	VV	41347	283863	3.26%	0.127%
95	6.537	6.528	6.551	VV	49488	580347	6.66%	0.260%
96	6.581	6.551	6.608	VV	166824	2808859	32.23%	1.259%
97	6.620	6.608	6.641	VV	60904	886299	10.17%	0.397%
98	6.662	6.641	6.675	VV	42835	699153	8.02%	0.313%
99	6.704	6.675	6.724	VV	94555	1805893	20.72%	0.809%
100	6.745	6.724	6.777	VV	179819	3124438	35.86%	1.400%
101	6.809	6.777	6.836	VV	701146	8713949	100.00%	3.905%
102	6.847	6.836	6.868	VV	86515	1168297	13.41%	0.524%
103	6.886	6.868	6.921	VV	90610	1700147	19.51%	0.762%
104	6.940	6.921	7.024	VV	316633	4769288	54.73%	2.137%
105	7.040	7.024	7.057	VV	27353	468711	5.38%	0.210%
106	7.065	7.057	7.077	VV	21032	244611	2.81%	0.110%
107	7.107	7.077	7.133	VV	70801	1258042	14.44%	0.564%
108	7.160	7.133	7.174	VV	33442	677328	7.77%	0.304%
109	7.192	7.174	7.219	VV	32603	689218	7.91%	0.309%
110	7.232	7.219	7.254	VV	18848	366956	4.21%	0.164%
111	7.277	7.254	7.304	VV	38933	718373	8.24%	0.322%
112	7.327	7.304	7.353	VV	31346	632977	7.26%	0.284%
113	7.366	7.353	7.398	VV	16201	334010	3.83%	0.150%
114	7.436	7.398	7.454	VV	18842	476916	5.47%	0.214%
115	7.468	7.454	7.481	VV	17216	238412	2.74%	0.107%
116	7.489	7.481	7.499	VV	13811	144902	1.66%	0.065%
117	7.506	7.499	7.519	VV	13196	145031	1.66%	0.065%
118	7.532	7.519	7.544	VV	14326	200186	2.30%	0.090%
119	7.561	7.544	7.574	VV	21627	308069	3.54%	0.138%
120	7.584	7.574	7.606	VV	19174	292397	3.36%	0.131%
121	7.625	7.606	7.649	VV	18232	334654	3.84%	0.150%
122	7.687	7.649	7.713	VV	44383	1025449	11.77%	0.460%
123	7.727	7.713	7.761	VV	40719	619646	7.11%	0.278%
124	7.783	7.761	7.790	VV	70170	729617	8.37%	0.327%
125	7.794	7.790	7.866	VV	71035	1178988	13.53%	0.528%
126	7.897	7.866	7.914	VV	124165	1503487	17.25%	0.674%
127	7.925	7.914	7.960	VV	57258	953721	10.94%	0.427%
128	7.973	7.960	8.000	VV	21031	353471	4.06%	0.158%
129	8.014	8.000	8.031	VV	9995	165312	1.90%	0.074%
130	8.049	8.031	8.054	VV	18277	186782	2.14%	0.084%
131	8.068	8.054	8.105	VV	29043	556073	6.38%	0.249%
132	8.115	8.105	8.152	VV	9950	180007	2.07%	0.081%
133	8.176	8.152	8.233	VV	14613	368067	4.22%	0.165%
134	8.239	8.233	8.285	VV	3996	102292	1.17%	0.046%
135	8.295	8.285	8.309	VV	2328	32036	0.37%	0.014%
136	8.323	8.309	8.359	VV	3571	89188	1.02%	0.040%
137	8.383	8.359	8.401	VV	5639	102432	1.18%	0.046%
138	8.410	8.401	8.430	VV	3998	58386	0.67%	0.026%
139	8.461	8.430	8.483	VV	4179	111851	1.28%	0.050%
140	8.505	8.483	8.529	VV	9909	159042	1.83%	0.071%
141	8.560	8.529	8.593	VV	4272	111846	1.28%	0.050%

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142	8.622	8.593	8.669	VV	7123	198193	2.27%	0.089%
143	8.687	8.669	8.717	VV	3780	83847	0.96%	0.038%
144	8.753	8.717	8.766	VV	3115	76997	0.88%	0.035%
145	8.789	8.766	8.813	VV	10520	176496	2.03%	0.079%
146	8.828	8.813	8.858	VV	6649	130093	1.49%	0.058%
147	8.875	8.858	8.915	VV	4657	86805	1.00%	0.039%
148	8.938	8.915	8.966	VV	5824	94964	1.09%	0.043%
149	8.982	8.966	9.040	VV	3664	88322	1.01%	0.040%
150	9.078	9.040	9.139	VV	4033	127923	1.47%	0.057%
151	9.159	9.139	9.171	VV	1952	27900	0.32%	0.013%
152	9.183	9.171	9.215	VV	2068	42592	0.49%	0.019%
153	9.237	9.215	9.273	VV	2985	66656	0.76%	0.030%
154	9.292	9.273	9.307	VV	1360	23331	0.27%	0.010%
155	9.319	9.307	9.331	VV	1324	17022	0.20%	0.008%
156	9.343	9.331	9.354	VV	1449	17462	0.20%	0.008%
157	9.373	9.354	9.379	VV	1507	21385	0.25%	0.010%
158	9.384	9.379	9.389	VV	1466	7818	0.09%	0.004%
159	9.392	9.389	9.412	VV	1472	16616	0.19%	0.007%
160	9.418	9.412	9.435	VV	1016	11711	0.13%	0.005%
161	9.465	9.435	9.480	VV	1536	29681	0.34%	0.013%
162	9.519	9.480	9.545	VV	1651	47830	0.55%	0.021%
163	9.566	9.545	9.617	VV	3366	70858	0.81%	0.032%
164	9.638	9.617	9.655	VV	851	13504	0.15%	0.006%
165	9.671	9.655	9.716	VV	950	21664	0.25%	0.010%
166	9.736	9.716	9.753	VV	1004	16092	0.18%	0.007%
167	9.772	9.753	9.817	VV	1187	24062	0.28%	0.011%
168	9.821	9.817	9.856	VV	392	4015	0.05%	0.002%
169	9.910	9.856	9.917	PV	910	15684	0.18%	0.007%
170	9.949	9.917	9.979	VV	2608	50270	0.58%	0.023%
171	10.002	9.979	10.014	VV	1285	19839	0.23%	0.009%
172	10.039	10.014	10.055	VV	1305	28172	0.32%	0.013%
173	10.082	10.055	10.136	VV	1575	51028	0.59%	0.023%
174	10.162	10.136	10.189	VV	1088	27979	0.32%	0.013%
175	10.227	10.189	10.281	VV	4158	106406	1.22%	0.048%
176	10.299	10.281	10.341	VV	2633	47390	0.54%	0.021%
177	10.368	10.341	10.413	VV	4008	70154	0.81%	0.031%
178	10.420	10.413	10.448	VV	569	8027	0.09%	0.004%
179	10.454	10.448	10.461	VV	252	1602	0.02%	0.001%
180	10.471	10.461	10.476	VV	333	2060	0.02%	0.001%
181	10.479	10.476	10.496	VV	358	2783	0.03%	0.001%
182	10.511	10.496	10.537	VV	392	5274	0.06%	0.002%
183	10.542	10.537	10.549	VV	148	811	0.01%	0.000%
184	10.554	10.549	10.566	VV	183	1149	0.01%	0.001%
185	10.615	10.566	10.621	PV	745	12273	0.14%	0.005%
186	10.626	10.621	10.631	VV	880	4662	0.05%	0.002%
187	10.639	10.631	10.659	VV	964	12625	0.14%	0.006%
188	10.680	10.659	10.704	VV	1327	23192	0.27%	0.010%
189	10.712	10.704	10.727	VV	698	6614	0.08%	0.003%
190	10.753	10.727	10.789	VV	766	14814	0.17%	0.007%
191	10.801	10.789	10.813	VV	444	4926	0.06%	0.002%
192	10.815	10.813	10.849	VV	479	7431	0.09%	0.003%
193	10.859	10.849	10.866	VV	405	2449	0.03%	0.001%
194	10.883	10.866	10.901	VV	325	5403	0.06%	0.002%

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195	10.913	10.901	10.922	VV	617	5741	0.07%	0.003%
196	10.931	10.922	10.940	VV	895	7878	0.09%	0.004%
197	10.950	10.940	10.966	VV	993	13903	0.16%	0.006%
198	10.999	10.966	11.026	VV	2367	46969	0.54%	0.021%
199	11.032	11.026	11.059	VV	661	10013	0.11%	0.004%
200	11.085	11.059	11.119	VV	1699	30342	0.35%	0.014%
201	11.142	11.119	11.156	VV	365	5092	0.06%	0.002%
202	11.163	11.156	11.175	VV	317	2838	0.03%	0.001%
203	11.188	11.175	11.224	VV	400	6826	0.08%	0.003%
204	11.230	11.224	11.237	VV	197	1119	0.01%	0.001%
205	11.240	11.237	11.243	VV	209	661	0.01%	0.000%
206	11.246	11.243	11.251	VV	230	953	0.01%	0.000%
207	11.269	11.251	11.272	VV	378	3461	0.04%	0.002%
208	11.306	11.272	11.420	VV	496421	5621037	64.51%	2.519%
209	11.435	11.420	11.442	VV	1425	15770	0.18%	0.007%
210	11.452	11.442	11.509	VV	1414	41924	0.48%	0.019%
211	11.517	11.509	11.529	VV	669	7156	0.08%	0.003%
212	11.530	11.529	11.535	VV	606	1992	0.02%	0.001%
213	11.554	11.535	11.559	VV	771	8831	0.10%	0.004%
214	11.563	11.559	11.577	VV	802	6769	0.08%	0.003%
215	11.584	11.577	11.589	VV	561	3536	0.04%	0.002%
216	11.605	11.589	11.621	VV	679	9283	0.11%	0.004%
217	11.666	11.621	11.697	VV	1693	39535	0.45%	0.018%
218	11.699	11.697	11.709	VV	581	3019	0.03%	0.001%
219	11.722	11.709	11.759	VV	698	14425	0.17%	0.006%
220	11.762	11.759	11.767	VV	518	1761	0.02%	0.001%
221	11.771	11.767	11.777	VV	414	2253	0.03%	0.001%
222	11.785	11.777	11.814	VV	465	7698	0.09%	0.003%
223	11.817	11.814	11.848	VV	369	5350	0.06%	0.002%
224	11.860	11.848	11.891	VV	386	5343	0.06%	0.002%
225	11.902	11.891	11.908	PV	238	1388	0.02%	0.001%
226	11.927	11.908	11.995	VV	5482	115809	1.33%	0.052%
227	11.999	11.995	12.020	VV	930	11315	0.13%	0.005%
228	12.042	12.020	12.066	VV	832	18738	0.22%	0.008%
229	12.073	12.066	12.096	VV	718	9154	0.11%	0.004%
230	12.121	12.096	12.129	VV	738	10590	0.12%	0.005%
231	12.131	12.129	12.143	VV	711	4516	0.05%	0.002%
232	12.147	12.143	12.166	VV	528	4872	0.06%	0.002%
233	12.178	12.166	12.192	VV	431	4563	0.05%	0.002%
234	12.221	12.192	12.255	VV	590	15892	0.18%	0.007%
235	12.300	12.255	12.319	VV	1552	33988	0.39%	0.015%
236	12.322	12.319	12.350	VV	728	9400	0.11%	0.004%
237	12.359	12.350	12.381	VV	611	8403	0.10%	0.004%
238	12.393	12.381	12.408	VV	487	7235	0.08%	0.003%
239	12.412	12.408	12.424	VV	505	3532	0.04%	0.002%
240	12.428	12.424	12.435	VV	450	2486	0.03%	0.001%
241	12.442	12.435	12.456	VV	417	3370	0.04%	0.002%
242	12.461	12.456	12.485	VV	389	2806	0.03%	0.001%
243	12.502	12.485	12.524	PV	221	2558	0.03%	0.001%
244	12.531	12.524	12.535	VV	132	502	0.01%	0.000%
245	12.554	12.535	12.564	VV	470	5069	0.06%	0.002%
246	12.568	12.564	12.573	VV	341	1454	0.02%	0.001%

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247	12.589	12.573	12.608	VV	320	4038	0.05%	0.002%
248	12.621	12.608	12.630	VV	232	1472	0.02%	0.001%
249	12.634	12.630	12.639	VV	129	612	0.01%	0.000%
250	12.653	12.639	12.663	VV	348	3284	0.04%	0.001%
251	12.680	12.663	12.687	VV	523	5277	0.06%	0.002%
252	12.744	12.687	12.824	VV	355375	4336552	49.77%	1.943%
253	12.828	12.824	12.842	VV	816	7667	0.09%	0.003%
254	12.854	12.842	12.891	VV	682	14691	0.17%	0.007%
255	12.911	12.891	12.949	VV	950	19775	0.23%	0.009%
256	12.959	12.949	12.966	VV	449	3892	0.04%	0.002%
257	12.975	12.966	12.993	VV	512	5815	0.07%	0.003%
258	13.001	12.993	13.006	VV	298	2077	0.02%	0.001%
259	13.035	13.006	13.044	VV	510	8867	0.10%	0.004%
260	13.048	13.044	13.066	VV	450	4796	0.06%	0.002%
261	13.074	13.066	13.098	VV	347	4131	0.05%	0.002%
262	13.157	13.098	13.195	PV	1454	41129	0.47%	0.018%
263	13.198	13.195	13.234	VV	732	11514	0.13%	0.005%
264	13.256	13.234	13.271	VV	504	8451	0.10%	0.004%
265	13.274	13.271	13.279	VV	375	1702	0.02%	0.001%
266	13.290	13.279	13.296	VV	480	3472	0.04%	0.002%
267	13.302	13.296	13.306	VV	415	2163	0.02%	0.001%
268	13.328	13.306	13.337	VV	580	7886	0.09%	0.004%
269	13.340	13.337	13.362	VV	467	5550	0.06%	0.002%
270	13.371	13.362	13.382	VV	409	3972	0.05%	0.002%
271	13.408	13.382	13.431	VV	630	13785	0.16%	0.006%
272	13.455	13.431	13.468	VV	682	11961	0.14%	0.005%
273	13.493	13.468	13.520	VV	1271	26904	0.31%	0.012%
274	13.523	13.520	13.534	VV	527	3664	0.04%	0.002%
275	13.546	13.534	13.567	VV	593	9529	0.11%	0.004%
276	13.574	13.567	13.587	VV	513	5287	0.06%	0.002%
277	13.592	13.587	13.609	VV	380	3853	0.04%	0.002%
278	13.630	13.609	13.648	VV	437	7569	0.09%	0.003%
279	13.652	13.648	13.667	VV	364	3399	0.04%	0.002%
280	13.673	13.667	13.679	VV	416	2004	0.02%	0.001%
281	13.689	13.679	13.696	VV	345	3260	0.04%	0.001%
282	13.718	13.696	13.723	VV	595	6972	0.08%	0.003%
283	13.727	13.723	13.751	VV	519	6736	0.08%	0.003%
284	13.765	13.751	13.769	VV	367	2698	0.03%	0.001%
285	13.780	13.769	13.789	VV	327	2795	0.03%	0.001%
286	13.792	13.789	13.802	VV	297	1147	0.01%	0.001%
287	13.808	13.802	13.827	VV	223	2096	0.02%	0.001%
288	13.830	13.827	13.835	PV	214	507	0.01%	0.000%
289	13.878	13.835	13.887	VV	460	7980	0.09%	0.004%
290	13.903	13.887	13.907	VV	489	4603	0.05%	0.002%
291	13.929	13.907	13.955	VV	927	18975	0.22%	0.009%
292	13.959	13.955	13.968	VV	485	3249	0.04%	0.001%
293	13.973	13.968	14.006	VV	486	8110	0.09%	0.004%
294	14.010	14.006	14.034	VV	219	2118	0.02%	0.001%
295	14.055	14.034	14.074	VV	716	10860	0.12%	0.005%
296	14.092	14.074	14.097	VV	629	5861	0.07%	0.003%
297	14.103	14.097	14.112	VV	664	4932	0.06%	0.002%
298	14.118	14.112	14.141	VV	492	6032	0.07%	0.003%
299	14.145	14.141	14.151	VV	412	1614	0.02%	0.001%

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300	14.176	14.151	14.204	VV	500	9021	0.10%	0.004%
301	14.212	14.204	14.219	VV	301	1224	0.01%	0.001%
302	14.227	14.219	14.234	VV	164	984	0.01%	0.000%
303	14.279	14.234	14.288	VV	513	10919	0.13%	0.005%
304	14.290	14.288	14.294	VV	326	1334	0.02%	0.001%
305	14.298	14.294	14.318	VV	357	3980	0.05%	0.002%
306	14.332	14.318	14.359	VV	455	6007	0.07%	0.003%
307	14.362	14.359	14.367	VV	257	880	0.01%	0.000%
308	14.371	14.367	14.377	PV	233	986	0.01%	0.000%
309	14.389	14.377	14.399	VV	290	2417	0.03%	0.001%
310	14.410	14.399	14.413	VV	218	1328	0.02%	0.001%
311	14.446	14.413	14.455	VV	503	8552	0.10%	0.004%
312	14.463	14.455	14.469	VV	471	3084	0.04%	0.001%
313	14.475	14.469	14.482	VV	548	3425	0.04%	0.002%
314	14.489	14.482	14.495	VV	504	3202	0.04%	0.001%
315	14.501	14.495	14.522	VV	393	4764	0.05%	0.002%
316	14.552	14.522	14.557	VV	495	5733	0.07%	0.003%
317	14.560	14.557	14.570	VV	411	2737	0.03%	0.001%
318	14.592	14.570	14.614	VV	802	13660	0.16%	0.006%
319	14.645	14.614	14.674	VV	763	16261	0.19%	0.007%
320	14.678	14.674	14.690	VV	291	2245	0.03%	0.001%
321	14.702	14.690	14.710	VV	549	5012	0.06%	0.002%
322	14.717	14.710	14.722	VV	469	2716	0.03%	0.001%
323	14.729	14.722	14.747	VV	453	5499	0.06%	0.002%
324	14.753	14.747	14.767	VV	299	3155	0.04%	0.001%
325	14.787	14.767	14.819	VV	549	12790	0.15%	0.006%
326	14.823	14.819	14.832	VV	479	3550	0.04%	0.002%
327	14.835	14.832	14.856	VV	545	5763	0.07%	0.003%
328	14.875	14.856	14.897	VV	444	7928	0.09%	0.004%
329	14.900	14.897	14.904	VV	272	986	0.01%	0.000%
330	14.919	14.904	14.930	VV	291	3894	0.04%	0.002%
331	14.933	14.930	14.938	VV	285	1077	0.01%	0.000%
332	14.952	14.938	14.962	VV	244	2543	0.03%	0.001%
333	15.013	14.962	15.099	VV	6055	235907	2.71%	0.106%
334	15.104	15.099	15.108	VV	1086	5627	0.06%	0.003%
335	15.121	15.108	15.138	VV	1222	18360	0.21%	0.008%
336	15.162	15.138	15.205	VV	3600	59886	0.69%	0.027%
337	15.209	15.205	15.212	VV	356	1447	0.02%	0.001%
338	15.219	15.212	15.238	VV	450	4530	0.05%	0.002%
339	15.265	15.238	15.274	VV	408	5906	0.07%	0.003%
340	15.294	15.274	15.304	VV	545	6943	0.08%	0.003%
341	15.309	15.304	15.319	VV	446	3075	0.04%	0.001%
342	15.323	15.319	15.334	VV	465	3406	0.04%	0.002%
343	15.337	15.334	15.353	VV	421	3303	0.04%	0.001%
344	15.365	15.353	15.390	VV	286	4745	0.05%	0.002%
345	15.409	15.390	15.419	PV	446	4939	0.06%	0.002%
346	15.423	15.419	15.444	VV	458	4464	0.05%	0.002%
347	15.448	15.444	15.462	VV	354	2654	0.03%	0.001%
348	15.472	15.462	15.494	VV	341	4258	0.05%	0.002%
349	15.501	15.494	15.517	VV	290	2788	0.03%	0.001%
350	15.535	15.517	15.552	VV	599	8439	0.10%	0.004%
351	15.568	15.552	15.584	VV	595	7449	0.09%	0.003%

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352	15.607	15.584	15.644	VV	1022	19394	0.22%	0.009%
353	15.666	15.644	15.702	VV	435	8565	0.10%	0.004%
354	15.719	15.702	15.726	VV	331	2887	0.03%	0.001%
355	15.738	15.726	15.754	VV	267	2565	0.03%	0.001%
356	15.760	15.754	15.765	PV	214	1047	0.01%	0.000%
357	15.783	15.765	15.804	VV	619	8913	0.10%	0.004%
358	15.806	15.804	15.816	VV	355	1417	0.02%	0.001%
359	15.823	15.816	15.830	VV	131	1032	0.01%	0.000%
360	15.843	15.830	15.847	VV	137	910	0.01%	0.000%
361	15.879	15.847	15.900	PV	700	13406	0.15%	0.006%
362	15.904	15.900	15.911	VV	475	2682	0.03%	0.001%
363	15.923	15.911	15.944	VV	781	9911	0.11%	0.004%
364	15.950	15.944	15.958	VV	492	3115	0.04%	0.001%
365	15.970	15.958	15.994	VV	455	6018	0.07%	0.003%
366	16.049	15.994	16.074	PV	1131	31845	0.37%	0.014%
367	16.088	16.074	16.107	VV	986	14482	0.17%	0.006%
368	16.116	16.107	16.128	VV	469	5364	0.06%	0.002%
369	16.154	16.128	16.169	VV	705	13255	0.15%	0.006%
370	16.181	16.169	16.195	VV	608	8939	0.10%	0.004%
371	16.208	16.195	16.217	VV	663	7107	0.08%	0.003%
372	16.236	16.217	16.243	VV	639	8095	0.09%	0.004%
373	16.249	16.243	16.259	VV	706	4767	0.05%	0.002%
374	16.269	16.259	16.290	VV	638	8946	0.10%	0.004%
375	16.299	16.290	16.314	VV	381	4783	0.05%	0.002%
376	16.327	16.314	16.333	VV	437	2966	0.03%	0.001%
377	16.343	16.333	16.350	VV	434	3172	0.04%	0.001%
378	16.354	16.350	16.359	VV	303	1354	0.02%	0.001%
379	16.371	16.359	16.379	VV	323	3102	0.04%	0.001%
380	16.384	16.379	16.389	VV	437	1825	0.02%	0.001%
381	16.398	16.389	16.402	VV	460	2431	0.03%	0.001%
382	16.415	16.402	16.419	VV	426	3370	0.04%	0.002%
383	16.429	16.419	16.436	VV	438	2979	0.03%	0.001%
384	16.442	16.436	16.456	VV	336	2926	0.03%	0.001%
385	16.484	16.456	16.489	VV	491	4286	0.05%	0.002%
386	16.492	16.489	16.498	VV	312	1610	0.02%	0.001%
387	16.501	16.498	16.508	VV	423	2280	0.03%	0.001%
388	16.525	16.508	16.531	VV	716	6606	0.08%	0.003%
389	16.555	16.531	16.578	VV	1731	28936	0.33%	0.013%
390	16.594	16.578	16.614	VV	1262	17814	0.20%	0.008%
391	16.617	16.614	16.624	VV	436	2328	0.03%	0.001%
392	16.639	16.624	16.667	VV	573	10707	0.12%	0.005%
393	16.671	16.667	16.679	VV	278	1412	0.02%	0.001%
394	16.721	16.679	16.726	PV	801	11839	0.14%	0.005%
395	16.731	16.726	16.745	VV	665	6287	0.07%	0.003%
396	16.769	16.745	16.804	VV	1024	21114	0.24%	0.009%
397	16.807	16.804	16.811	VV	404	1342	0.02%	0.001%
398	16.849	16.811	16.858	VV	600	10945	0.13%	0.005%
399	16.862	16.858	16.883	VV	602	6761	0.08%	0.003%
400	16.927	16.883	16.938	VV	926	20068	0.23%	0.009%
401	16.945	16.938	16.953	VV	845	6392	0.07%	0.003%
402	16.969	16.953	16.981	VV	842	11671	0.13%	0.005%
403	17.001	16.981	17.038	VV	2317	44262	0.51%	0.020%
404	17.052	17.038	17.068	VV	631	9859	0.11%	0.004%

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405	17.071	17.068	17.077	VV	569	2930	0.03%	0.001%
406	17.094	17.077	17.129	VV	1009	20414	0.23%	0.009%
407	17.153	17.129	17.175	VV	634	12476	0.14%	0.006%
408	17.178	17.175	17.196	VV	375	3626	0.04%	0.002%
409	17.200	17.196	17.205	PV	340	1026	0.01%	0.000%
410	17.209	17.205	17.214	VV	335	1088	0.01%	0.000%
411	17.220	17.214	17.233	VV	263	1851	0.02%	0.001%
412	17.243	17.233	17.247	VV	314	1735	0.02%	0.001%
413	17.253	17.247	17.262	VV	425	2950	0.03%	0.001%
414	17.272	17.262	17.276	VV	433	2557	0.03%	0.001%
415	17.281	17.276	17.287	VV	305	1513	0.02%	0.001%
416	17.320	17.287	17.343	VV	1170	20963	0.24%	0.009%
417	17.356	17.343	17.368	VV	511	5183	0.06%	0.002%
418	17.392	17.368	17.405	VV	1433	22354	0.26%	0.010%
419	17.439	17.405	17.476	VV	2659	55822	0.64%	0.025%
420	17.526	17.476	17.535	VV	866	14840	0.17%	0.007%
421	17.552	17.535	17.563	VV	1469	18386	0.21%	0.008%
422	17.578	17.563	17.598	VV	1166	19201	0.22%	0.009%
423	17.615	17.598	17.631	VV	840	12277	0.14%	0.006%
424	17.644	17.631	17.674	VV	995	12568	0.14%	0.006%
425	17.713	17.674	17.719	PV	506	7563	0.09%	0.003%
426	17.741	17.719	17.771	VV	1337	23876	0.27%	0.011%
427	17.776	17.771	17.790	VV	640	4699	0.05%	0.002%
428	17.858	17.790	17.903	VV	5712	163503	1.88%	0.073%
429	17.911	17.903	17.942	VV	1660	27708	0.32%	0.012%
430	17.996	17.942	18.019	VV	656	21062	0.24%	0.009%
431	18.035	18.019	18.056	VV	291	3987	0.05%	0.002%
432	18.065	18.056	18.073	VV	345	2499	0.03%	0.001%
433	18.078	18.073	18.081	VV	283	1114	0.01%	0.000%
434	18.085	18.081	18.090	VV	274	958	0.01%	0.000%
435	18.095	18.090	18.097	PV	268	774	0.01%	0.000%
436	18.114	18.097	18.122	VV	439	4144	0.05%	0.002%
437	18.128	18.122	18.134	VV	474	2423	0.03%	0.001%
438	18.142	18.134	18.147	VV	287	1914	0.02%	0.001%
439	18.171	18.147	18.179	VV	351	4251	0.05%	0.002%
440	18.183	18.179	18.186	VV	190	588	0.01%	0.000%
441	18.192	18.186	18.197	VV	219	940	0.01%	0.000%
442	18.207	18.197	18.216	PV	338	2372	0.03%	0.001%
443	18.267	18.216	18.299	VV	4149	73167	0.84%	0.033%
444	18.303	18.299	18.309	VV	593	3004	0.03%	0.001%
445	18.315	18.309	18.325	VV	320	2982	0.03%	0.001%
446	18.339	18.325	18.353	VV	898	11035	0.13%	0.005%
447	18.380	18.353	18.386	VV	1182	15862	0.18%	0.007%
448	18.393	18.386	18.397	VV	957	6212	0.07%	0.003%
449	18.405	18.397	18.427	VV	1041	14298	0.16%	0.006%
450	18.431	18.427	18.444	VV	586	4003	0.05%	0.002%
451	18.468	18.444	18.484	VV	372	6910	0.08%	0.003%
452	18.525	18.484	18.540	PV	832	13817	0.16%	0.006%
453	18.557	18.540	18.576	VV	998	14293	0.16%	0.006%
454	18.597	18.576	18.611	VV	779	11633	0.13%	0.005%
455	18.623	18.611	18.629	VV	1276	9842	0.11%	0.004%
456	18.664	18.629	18.701	VV	5748	129771	1.49%	0.058%

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457	18.713	18.701	18.750	VV	1832	44945	0.52%	0.020%
458	18.767	18.750	18.787	VV	1622	30531	0.35%	0.014%
459	18.799	18.787	18.808	VV	1537	15523	0.18%	0.007%
460	18.814	18.808	18.825	VV	1180	10578	0.12%	0.005%
461	18.853	18.825	18.875	VV	1338	29505	0.34%	0.013%
462	18.882	18.875	18.888	VV	843	5533	0.06%	0.002%
463	18.902	18.888	18.910	VV	1014	10576	0.12%	0.005%
464	18.916	18.910	18.921	VV	1105	5770	0.07%	0.003%
465	18.942	18.921	18.962	VV	1179	21340	0.24%	0.010%
466	18.975	18.962	18.980	VV	1017	8777	0.10%	0.004%
467	18.988	18.980	18.993	VV	1046	7209	0.08%	0.003%
468	19.006	18.993	19.013	VV	896	10108	0.12%	0.005%
469	19.049	19.013	19.072	VV	4630	84287	0.97%	0.038%
470	19.077	19.072	19.082	VV	1157	6717	0.08%	0.003%
471	19.100	19.082	19.119	VV	1525	27379	0.31%	0.012%
472	19.157	19.119	19.172	VV	1622	39058	0.45%	0.018%
473	19.211	19.172	19.244	VV	1640	62007	0.71%	0.028%
474	19.250	19.244	19.262	VV	1565	14926	0.17%	0.007%
475	19.267	19.262	19.274	VV	1467	9687	0.11%	0.004%
476	19.288	19.274	19.301	VV	1966	27668	0.32%	0.012%
477	19.305	19.301	19.311	VV	1852	10438	0.12%	0.005%
478	19.331	19.311	19.342	VV	1915	33284	0.38%	0.015%
479	19.364	19.342	19.393	VV	2526	60778	0.70%	0.027%
480	19.425	19.393	19.454	VV	4796	115873	1.33%	0.052%
481	19.457	19.454	19.464	VV	2653	14290	0.16%	0.006%
482	19.471	19.464	19.476	VV	2496	17325	0.20%	0.008%
483	19.481	19.476	19.484	VV	2264	10651	0.12%	0.005%
484	19.487	19.484	19.496	VV	2386	16004	0.18%	0.007%
485	19.520	19.496	19.541	VV	2442	56129	0.64%	0.025%
486	19.550	19.541	19.572	VV	2576	42876	0.49%	0.019%
487	19.578	19.572	19.581	VV	2416	12499	0.14%	0.006%
488	19.607	19.581	19.615	VV	2755	50859	0.58%	0.023%
489	19.667	19.615	19.686	VV	3117	113787	1.31%	0.051%
490	19.703	19.686	19.721	VV	3080	57693	0.66%	0.026%
491	19.740	19.721	19.757	VV	3000	62143	0.71%	0.028%
492	19.785	19.757	19.814	VV	5814	143374	1.65%	0.064%
493	19.838	19.814	19.857	VV	3846	94033	1.08%	0.042%
494	19.869	19.857	19.879	VV	3651	44299	0.51%	0.020%
495	19.886	19.879	19.899	VV	3797	44944	0.52%	0.020%
496	19.925	19.899	19.939	VV	4308	96200	1.10%	0.043%
497	19.957	19.939	19.989	VV	4555	129056	1.48%	0.058%
498	19.993	19.989	19.996	VV	4413	16694	0.19%	0.007%
499	20.003	19.996	20.022	VV	4641	70263	0.81%	0.031%
500	20.074	20.022	20.085	VV	5123	172957	1.98%	0.078%
501	20.093	20.085	20.101	VV	4953	44541	0.51%	0.020%
502	20.140	20.101	20.172	VV	7675	252575	2.90%	0.113%
503	20.176	20.172	20.179	VV	5447	21182	0.24%	0.009%
504	20.198	20.179	20.210	VV	6113	109001	1.25%	0.049%
505	20.220	20.210	20.226	VV	6154	56305	0.65%	0.025%
506	20.233	20.226	20.238	VV	6140	45856	0.53%	0.021%
507	20.247	20.238	20.259	VV	6032	71151	0.82%	0.032%
508	20.276	20.259	20.280	VV	5881	72009	0.83%	0.032%
509	20.309	20.280	20.317	VV	6572	135575	1.56%	0.061%

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510	20.324	20.317	20.329	VV	6374	44177	0.51%	0.020%
511	20.349	20.329	20.354	VV	7020	97463	1.12%	0.044%
512	20.359	20.354	20.364	VV	7057	42421	0.49%	0.019%
513	20.377	20.364	20.417	VV	7446	226347	2.60%	0.101%
514	20.436	20.417	20.451	VV	7326	140927	1.62%	0.063%
515	20.486	20.451	20.529	VV	8945	348278	4.00%	0.156%
516	20.540	20.529	20.603	VV	6837	289318	3.32%	0.130%
517	20.615	20.603	20.639	VV	6431	131295	1.51%	0.059%
518	20.658	20.639	20.682	VV	6160	153002	1.76%	0.069%
519	20.718	20.682	20.758	VV	6150	258454	2.97%	0.116%
520	20.770	20.758	20.801	VV	5427	132502	1.52%	0.059%
521	20.818	20.801	20.831	VV	5160	91838	1.05%	0.041%
522	20.861	20.831	20.897	VV	5714	193001	2.21%	0.086%
523	20.908	20.897	20.921	VV	4013	54586	0.63%	0.024%
524	20.924	20.921	20.939	VV	3685	38888	0.45%	0.017%
525	20.948	20.939	20.961	VV	3582	44551	0.51%	0.020%
526	20.966	20.961	20.979	VV	3682	37537	0.43%	0.017%
527	20.987	20.979	21.004	VV	3477	48054	0.55%	0.022%
528	21.037	21.004	21.083	VV	3351	133651	1.53%	0.060%
529	21.099	21.083	21.111	VV	2917	43438	0.50%	0.019%
530	21.121	21.111	21.141	VV	2638	42922	0.49%	0.019%
531	21.154	21.141	21.199	VV	2196	65888	0.76%	0.030%
532	21.213	21.199	21.232	VV	2001	36068	0.41%	0.016%
533	21.237	21.232	21.249	VV	1760	16922	0.19%	0.008%
534	21.284	21.249	21.349	VV	3561	112401	1.29%	0.050%
535	21.356	21.349	21.390	VV	872	12411	0.14%	0.006%

Sum of corrected areas: 223142497

Alaphatic EPH 080321.M Wed Aug 18 13:37:33 2021