

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061522AL\
 Data File : FE036056.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 14:38
 Sample : N3209-11DL 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.516	2.502	2.549	BV	1453	10473	0.48%	0.005%
2	2.574	2.549	2.587	PV	11052	127574	5.90%	0.067%
3	2.597	2.587	2.612	VV	6910	54727	2.53%	0.029%
4	2.638	2.627	2.670	VV	1277	14878	0.69%	0.008%
5	2.691	2.670	2.702	PV	1425	13085	0.61%	0.007%
6	2.727	2.702	2.739	VV	4558	55414	2.56%	0.029%
7	2.753	2.739	2.768	VV	10628	92959	4.30%	0.049%
8	2.779	2.768	2.808	VV	2852	27788	1.29%	0.015%
9	2.853	2.808	2.866	VV	10404	102635	4.75%	0.054%
10	2.874	2.866	2.885	VV	4757	41970	1.94%	0.022%
11	2.895	2.885	2.899	VV	3188	23200	1.07%	0.012%
12	2.913	2.899	2.946	VV	7486	102959	4.76%	0.054%
13	2.981	2.946	3.009	VV	21321	264198	12.23%	0.138%
14	3.028	3.009	3.049	VV	6909	104731	4.85%	0.055%
15	3.072	3.049	3.101	VV	29553	355905	16.47%	0.186%
16	3.111	3.101	3.117	VV	6787	59354	2.75%	0.031%
17	3.141	3.117	3.158	VV	21688	276076	12.77%	0.144%
18	3.166	3.158	3.180	VV	5250	50540	2.34%	0.026%
19	3.197	3.180	3.224	VV	6090	83818	3.88%	0.044%
20	3.241	3.224	3.256	VV	19835	173116	8.01%	0.090%
21	3.280	3.256	3.300	VV	14147	250715	11.60%	0.131%
22	3.309	3.300	3.329	VV	6559	70043	3.24%	0.037%
23	3.351	3.329	3.369	VV	6849	81064	3.75%	0.042%
24	3.388	3.369	3.397	VV	6977	83510	3.86%	0.044%
25	3.417	3.397	3.435	VV	10299	186836	8.65%	0.098%
26	3.448	3.435	3.468	VV	9637	122470	5.67%	0.064%
27	3.498	3.468	3.507	VV	5475	74510	3.45%	0.039%
28	3.527	3.507	3.539	VV	15813	193220	8.94%	0.101%
29	3.553	3.539	3.577	VV	20564	261111	12.08%	0.136%
30	3.590	3.577	3.629	VV	9074	152459	7.05%	0.080%
31	3.659	3.629	3.675	VV	11352	171628	7.94%	0.090%
32	3.700	3.675	3.714	VV	9807	163692	7.57%	0.086%
33	3.724	3.714	3.771	VV	7846	203832	9.43%	0.107%
34	3.781	3.771	3.791	VV	4359	43319	2.00%	0.023%
35	3.806	3.791	3.833	VV	8823	134269	6.21%	0.070%
36	3.850	3.833	3.869	VV	4621	81776	3.78%	0.043%

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37	3.894	3.869	3.919	VV	11654	260299	12.04%	0.136%
38	3.933	3.919	3.947	VV	19134	229449	10.62%	0.120%
39	3.956	3.947	3.966	VV	11715	122011	5.65%	0.064%
40	3.981	3.966	3.998	VV	33384	350851	16.23%	0.183%
41	4.013	3.998	4.026	VV	27599	298561	13.82%	0.156%
42	4.033	4.026	4.047	VV	17090	180724	8.36%	0.094%
43	4.059	4.047	4.074	VV	17954	202358	9.36%	0.106%
44	4.098	4.074	4.115	VV	19054	274977	12.72%	0.144%
45	4.137	4.115	4.159	VV	39017	504160	23.33%	0.263%
46	4.171	4.159	4.182	VV	7778	96704	4.47%	0.051%
47	4.202	4.182	4.222	VV	28356	352700	16.32%	0.184%
48	4.244	4.222	4.257	VV	12183	189135	8.75%	0.099%
49	4.272	4.257	4.303	VV	15726	291524	13.49%	0.152%
50	4.350	4.303	4.388	VV	15404	409384	18.94%	0.214%
51	4.415	4.388	4.427	VV	14256	201410	9.32%	0.105%
52	4.441	4.427	4.450	VV	15996	176809	8.18%	0.092%
53	4.461	4.450	4.479	VV	16847	234553	10.85%	0.123%
54	4.486	4.479	4.500	VV	10602	106509	4.93%	0.056%
55	4.515	4.500	4.535	VV	9822	170600	7.89%	0.089%
56	4.556	4.535	4.568	VV	24768	324174	15.00%	0.169%
57	4.575	4.568	4.586	VV	17589	164213	7.60%	0.086%
58	4.613	4.586	4.629	VV	19218	370344	17.14%	0.194%
59	4.646	4.629	4.659	VV	18388	240174	11.11%	0.126%
60	4.674	4.659	4.692	VV	18666	301464	13.95%	0.158%
61	4.703	4.692	4.727	VV	12561	223135	10.32%	0.117%
62	4.739	4.727	4.744	VV	10289	94667	4.38%	0.049%
63	4.778	4.744	4.804	VV	31750	585884	27.11%	0.306%
64	4.821	4.804	4.833	VV	15467	201183	9.31%	0.105%
65	4.839	4.833	4.856	VV	12447	143142	6.62%	0.075%
66	4.885	4.856	4.896	VV	13680	279798	12.95%	0.146%
67	4.900	4.896	4.914	VV	13071	135730	6.28%	0.071%
68	4.935	4.914	4.955	VV	46473	618973	28.64%	0.323%
69	4.964	4.955	4.970	VV	10486	87023	4.03%	0.045%
70	4.984	4.970	5.015	VV	14977	342468	15.85%	0.179%
71	5.047	5.015	5.078	VV	39086	837015	38.73%	0.437%
72	5.094	5.078	5.109	VV	18980	258230	11.95%	0.135%
73	5.115	5.109	5.125	VV	12168	108713	5.03%	0.057%
74	5.156	5.125	5.180	VV	20274	452442	20.94%	0.236%
75	5.201	5.180	5.224	VV	20878	334112	15.46%	0.175%
76	5.248	5.224	5.270	VV	24854	471276	21.81%	0.246%
77	5.280	5.270	5.288	VV	16442	162827	7.53%	0.085%
78	5.298	5.288	5.324	VV	17760	317971	14.71%	0.166%
79	5.343	5.324	5.359	VV	17282	287050	13.28%	0.150%
80	5.371	5.359	5.379	VV	12328	137797	6.38%	0.072%
81	5.398	5.379	5.412	VV	20888	326330	15.10%	0.171%
82	5.428	5.412	5.454	VV	17940	385782	17.85%	0.202%
83	5.475	5.454	5.505	VV	21230	522602	24.18%	0.273%
84	5.535	5.505	5.548	VV	23496	473308	21.90%	0.247%
85	5.562	5.548	5.587	VV	25948	502123	23.23%	0.262%
86	5.605	5.587	5.624	VV	32928	508476	23.53%	0.266%
87	5.655	5.624	5.670	VV	24806	557784	25.81%	0.292%
88	5.683	5.670	5.694	VV	21440	277008	12.82%	0.145%
89	5.699	5.694	5.729	VV	19153	356804	16.51%	0.186%

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90	5.745	5.729	5.772	VV	20332	431324	19.96%	0.225%
91	5.785	5.772	5.801	VV	17690	270883	12.53%	0.142%
92	5.818	5.801	5.831	VV	17614	283213	13.10%	0.148%
93	5.872	5.831	5.895	VV	63470	1183830	54.78%	0.619%
94	5.913	5.895	5.933	VV	40653	650163	30.08%	0.340%
95	5.944	5.933	5.971	VV	20723	393481	18.21%	0.206%
96	5.992	5.971	6.018	VV	24914	581874	26.92%	0.304%
97	6.045	6.018	6.071	VV	43036	893868	41.36%	0.467%
98	6.082	6.071	6.093	VV	21517	259942	12.03%	0.136%
99	6.110	6.093	6.139	VV	25741	576064	26.66%	0.301%
100	6.181	6.139	6.204	VV	28100	796428	36.85%	0.416%
101	6.221	6.204	6.235	VV	31533	479104	22.17%	0.250%
102	6.246	6.235	6.262	VV	29191	403049	18.65%	0.211%
103	6.280	6.262	6.308	VV	27664	607729	28.12%	0.318%
104	6.333	6.308	6.351	VV	25102	553632	25.62%	0.289%
105	6.356	6.351	6.364	VV	20415	164292	7.60%	0.086%
106	6.377	6.364	6.401	VV	21191	399628	18.49%	0.209%
107	6.424	6.401	6.462	VV	96760	1653481	76.51%	0.864%
108	6.478	6.462	6.498	VV	28467	478353	22.13%	0.250%
109	6.524	6.498	6.543	VV	42547	763224	35.32%	0.399%
110	6.567	6.543	6.583	VV	24779	555057	25.68%	0.290%
111	6.609	6.583	6.637	VV	29653	771665	35.71%	0.403%
112	6.647	6.637	6.672	VV	22401	436281	20.19%	0.228%
113	6.695	6.672	6.720	VV	23329	576658	26.68%	0.301%
114	6.736	6.720	6.746	VV	24815	330929	15.31%	0.173%
115	6.779	6.746	6.793	VV	27493	708288	32.77%	0.370%
116	6.818	6.793	6.847	VV	46147	1009545	46.71%	0.528%
117	6.860	6.847	6.884	VV	20748	408567	18.91%	0.214%
118	6.904	6.884	6.916	VV	22627	369297	17.09%	0.193%
119	6.935	6.916	6.947	VV	27734	459562	21.27%	0.240%
120	6.982	6.947	6.999	VV	39814	890404	41.20%	0.465%
121	7.012	6.999	7.052	VV	24596	678656	31.40%	0.355%
122	7.072	7.052	7.092	VV	29091	556441	25.75%	0.291%
123	7.121	7.092	7.138	VV	24320	594762	27.52%	0.311%
124	7.162	7.138	7.184	VV	22593	565924	26.19%	0.296%
125	7.217	7.184	7.234	VV	27142	714447	33.06%	0.373%
126	7.252	7.234	7.292	VV	28000	813233	37.63%	0.425%
127	7.306	7.292	7.315	VV	22862	294912	13.65%	0.154%
128	7.337	7.315	7.362	VV	97000	1399194	64.74%	0.731%
129	7.387	7.362	7.408	VV	33541	737332	34.12%	0.385%
130	7.425	7.408	7.444	VV	33478	567317	26.25%	0.296%
131	7.478	7.444	7.502	VV	27149	883083	40.86%	0.462%
132	7.513	7.502	7.531	VV	28506	441817	20.44%	0.231%
133	7.535	7.531	7.543	VV	22555	170433	7.89%	0.089%
134	7.563	7.543	7.584	VV	32975	633825	29.33%	0.331%
135	7.609	7.584	7.624	VV	24915	533477	24.69%	0.279%
136	7.635	7.624	7.646	VV	24672	304342	14.08%	0.159%
137	7.672	7.646	7.689	VV	39902	800822	37.06%	0.419%
138	7.701	7.689	7.722	VV	27149	507390	23.48%	0.265%
139	7.727	7.722	7.745	VV	23969	311843	14.43%	0.163%
140	7.762	7.745	7.772	VV	25327	381736	17.66%	0.200%
141	7.800	7.772	7.832	VV	26741	864091	39.98%	0.452%

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142	7.843	7.832	7.852	VV	22513	261250	12.09%	0.137%
143	7.871	7.852	7.887	VV	38006	620082	28.69%	0.324%
144	7.893	7.887	7.896	VV	28204	154164	7.13%	0.081%
145	7.901	7.896	7.925	VV	28835	446207	20.65%	0.233%
146	7.934	7.925	7.949	VV	20777	282547	13.07%	0.148%
147	7.969	7.949	7.991	VV	38959	690712	31.96%	0.361%
148	8.008	7.991	8.015	VV	24947	336456	15.57%	0.176%
149	8.053	8.015	8.079	VV	97464	1796629	83.13%	0.939%
150	8.092	8.079	8.112	VV	24080	419261	19.40%	0.219%
151	8.128	8.112	8.154	VV	30100	590584	27.33%	0.309%
152	8.198	8.154	8.217	VV	31817	938036	43.41%	0.490%
153	8.234	8.217	8.245	VV	22841	365170	16.90%	0.191%
154	8.275	8.245	8.297	VV	32011	829380	38.38%	0.433%
155	8.314	8.297	8.325	VV	26478	429057	19.85%	0.224%
156	8.338	8.325	8.356	VV	27166	479092	22.17%	0.250%
157	8.363	8.356	8.390	VV	25621	473572	21.91%	0.248%
158	8.395	8.390	8.400	VV	21006	121022	5.60%	0.063%
159	8.420	8.400	8.444	VV	30305	648320	30.00%	0.339%
160	8.462	8.444	8.505	VV	23265	745860	34.51%	0.390%
161	8.541	8.505	8.551	VV	22499	533797	24.70%	0.279%
162	8.571	8.551	8.585	VV	23936	461507	21.36%	0.241%
163	8.596	8.585	8.606	VV	22013	263030	12.17%	0.137%
164	8.635	8.606	8.676	VV	24439	909652	42.09%	0.475%
165	8.707	8.676	8.754	VV	40073	1250589	57.87%	0.654%
166	8.787	8.754	8.813	VV	33555	888940	41.13%	0.465%
167	8.846	8.813	8.854	VV	22807	529849	24.52%	0.277%
168	8.871	8.854	8.917	VV	32349	891177	41.24%	0.466%
169	8.951	8.917	8.976	VV	19961	650344	30.09%	0.340%
170	8.981	8.976	8.985	VV	17607	97695	4.52%	0.051%
171	8.996	8.985	9.007	VV	17977	231375	10.71%	0.121%
172	9.028	9.007	9.043	VV	22353	439255	20.33%	0.230%
173	9.070	9.043	9.099	VV	33878	895537	41.44%	0.468%
174	9.114	9.099	9.132	VV	27428	486240	22.50%	0.254%
175	9.147	9.132	9.159	VV	22276	341783	15.82%	0.179%
176	9.173	9.159	9.182	VV	25026	325876	15.08%	0.170%
177	9.196	9.182	9.203	VV	24792	318465	14.74%	0.166%
178	9.217	9.203	9.259	VV	25347	730540	33.80%	0.382%
179	9.286	9.259	9.301	VV	21398	508008	23.51%	0.266%
180	9.326	9.301	9.334	VV	23207	414277	19.17%	0.217%
181	9.347	9.334	9.369	VV	23119	462043	21.38%	0.241%
182	9.389	9.369	9.417	VV	23750	612360	28.34%	0.320%
183	9.425	9.417	9.442	VV	20261	297227	13.75%	0.155%
184	9.463	9.442	9.473	VV	22801	393416	18.20%	0.206%
185	9.501	9.473	9.531	VV	84073	1614240	74.69%	0.844%
186	9.559	9.531	9.566	VV	24516	488595	22.61%	0.255%
187	9.573	9.566	9.577	VV	23948	166504	7.70%	0.087%
188	9.583	9.577	9.614	VV	24163	496191	22.96%	0.259%
189	9.623	9.614	9.628	VV	21825	183811	8.51%	0.096%
190	9.648	9.628	9.672	VV	30810	647124	29.94%	0.338%
191	9.694	9.672	9.719	VV	21465	558479	25.84%	0.292%
192	9.748	9.719	9.759	VV	22873	511658	23.68%	0.267%
193	9.782	9.759	9.811	VV	28665	753940	34.89%	0.394%
194	9.828	9.811	9.835	VV	26948	365986	16.94%	0.191%

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195	9.850	9.835	9.890	VV	30057	882728	40.85%	0.461%
196	9.924	9.890	9.952	VV	113597	2161115	100.00%	1.129%
197	9.967	9.952	10.009	VV	30016	870152	40.26%	0.455%
198	10.044	10.009	10.069	VV	25057	865353	40.04%	0.452%
199	10.086	10.069	10.097	VV	25111	416075	19.25%	0.217%
200	10.119	10.097	10.158	VV	26770	906203	41.93%	0.474%
201	10.184	10.158	10.189	VV	27517	463514	21.45%	0.242%
202	10.195	10.189	10.210	VV	27078	334949	15.50%	0.175%
203	10.243	10.210	10.288	VV	36037	1284030	59.42%	0.671%
204	10.307	10.288	10.311	VV	23687	319792	14.80%	0.167%
205	10.331	10.311	10.346	VV	26508	517651	23.95%	0.271%
206	10.358	10.346	10.364	VV	24939	270207	12.50%	0.141%
207	10.375	10.364	10.378	VV	25662	210508	9.74%	0.110%
208	10.387	10.378	10.401	VV	26171	353139	16.34%	0.185%
209	10.408	10.401	10.427	VV	25758	389434	18.02%	0.204%
210	10.432	10.427	10.438	VV	24708	160527	7.43%	0.084%
211	10.446	10.438	10.462	VV	25092	349626	16.18%	0.183%
212	10.479	10.462	10.485	VV	25981	354893	16.42%	0.185%
213	10.496	10.485	10.505	VV	27042	305592	14.14%	0.160%
214	10.514	10.505	10.534	VV	27209	457836	21.19%	0.239%
215	10.552	10.534	10.591	VV	30212	929634	43.02%	0.486%
216	10.600	10.591	10.609	VV	25203	271488	12.56%	0.142%
217	10.646	10.609	10.678	VV	84982	1913874	88.56%	1.000%
218	10.688	10.678	10.692	VV	25409	206592	9.56%	0.108%
219	10.711	10.692	10.731	VV	27581	598868	27.71%	0.313%
220	10.753	10.731	10.773	VV	26427	615631	28.49%	0.322%
221	10.830	10.773	10.844	VV	30523	1134954	52.52%	0.593%
222	10.853	10.844	10.891	VV	30079	748105	34.62%	0.391%
223	10.926	10.891	10.933	VV	27620	631179	29.21%	0.330%
224	10.942	10.933	10.947	VV	26747	230548	10.67%	0.120%
225	10.951	10.947	10.970	VV	26437	347706	16.09%	0.182%
226	10.994	10.970	11.008	VV	25923	559156	25.87%	0.292%
227	11.015	11.008	11.020	VV	25356	178084	8.24%	0.093%
228	11.027	11.020	11.032	VV	26137	179947	8.33%	0.094%
229	11.047	11.032	11.089	VV	28931	937538	43.38%	0.490%
230	11.110	11.089	11.141	VV	29324	851417	39.40%	0.445%
231	11.146	11.141	11.150	VV	26717	142714	6.60%	0.075%
232	11.163	11.150	11.174	VV	28274	397520	18.39%	0.208%
233	11.202	11.174	11.234	VV	44722	1237289	57.25%	0.647%
234	11.238	11.234	11.276	VV	27368	655529	30.33%	0.343%
235	11.297	11.276	11.307	VV	26758	475886	22.02%	0.249%
236	11.332	11.307	11.366	VV	30352	1008761	46.68%	0.527%
237	11.370	11.366	11.397	VV	26942	466125	21.57%	0.244%
238	11.421	11.397	11.429	VV	27752	494590	22.89%	0.258%
239	11.435	11.429	11.467	VV	28350	607224	28.10%	0.317%
240	11.489	11.467	11.504	VV	27150	565633	26.17%	0.296%
241	11.515	11.504	11.519	VV	26503	243525	11.27%	0.127%
242	11.527	11.519	11.548	VV	27269	457901	21.19%	0.239%
243	11.555	11.548	11.566	VV	25168	256731	11.88%	0.134%
244	11.569	11.566	11.573	VV	25283	114628	5.30%	0.060%
245	11.586	11.573	11.599	VV	26245	392441	18.16%	0.205%
246	11.611	11.599	11.623	VV	26443	371746	17.20%	0.194%

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247	11.631	11.623	11.671	VV	26575	727699	33.67%	0.380%
248	11.679	11.671	11.684	VV	25147	205328	9.50%	0.107%
249	11.695	11.684	11.700	VV	25462	235157	10.88%	0.123%
250	11.727	11.700	11.758	VV	28350	927634	42.92%	0.485%
251	11.783	11.758	11.812	VV	31904	923040	42.71%	0.482%
252	11.822	11.812	11.842	VV	26693	469311	21.72%	0.245%
253	11.862	11.842	11.905	VV	31654	1041706	48.20%	0.544%
254	11.911	11.905	11.924	VV	25558	280024	12.96%	0.146%
255	11.929	11.924	11.937	VV	25021	199002	9.21%	0.104%
256	11.964	11.937	11.991	VV	28199	863581	39.96%	0.451%
257	12.006	11.991	12.036	VV	28532	707916	32.76%	0.370%
258	12.055	12.036	12.073	VV	25309	546701	25.30%	0.286%
259	12.081	12.073	12.085	VV	24596	173906	8.05%	0.091%
260	12.090	12.085	12.107	VV	24644	309989	14.34%	0.162%
261	12.123	12.107	12.129	VV	25663	326368	15.10%	0.171%
262	12.134	12.129	12.172	VV	25567	647024	29.94%	0.338%
263	12.187	12.172	12.206	VV	26672	512466	23.71%	0.268%
264	12.220	12.206	12.238	VV	26012	480454	22.23%	0.251%
265	12.243	12.238	12.256	VV	24313	265966	12.31%	0.139%
266	12.260	12.256	12.267	VV	24700	163935	7.59%	0.086%
267	12.304	12.267	12.330	VV	36332	1094129	50.63%	0.572%
268	12.360	12.330	12.389	VV	35533	1078317	49.90%	0.564%
269	12.397	12.389	12.402	VV	27302	197991	9.16%	0.103%
270	12.406	12.402	12.423	VV	27211	335207	15.51%	0.175%
271	12.427	12.423	12.431	VV	25828	122304	5.66%	0.064%
272	12.441	12.431	12.458	VV	26262	405263	18.75%	0.212%
273	12.478	12.458	12.486	VV	24991	401607	18.58%	0.210%
274	12.487	12.486	12.492	VV	24503	96286	4.46%	0.050%
275	12.514	12.492	12.530	VV	26101	570659	26.41%	0.298%
276	12.535	12.530	12.555	VV	26228	378228	17.50%	0.198%
277	12.576	12.555	12.595	VV	26259	600057	27.77%	0.314%
278	12.600	12.595	12.626	VV	25322	459888	21.28%	0.240%
279	12.637	12.626	12.643	VV	26117	265940	12.31%	0.139%
280	12.648	12.643	12.660	VV	25767	260406	12.05%	0.136%
281	12.703	12.660	12.726	VV	31310	1081772	50.06%	0.565%
282	12.748	12.726	12.772	VV	27774	724969	33.55%	0.379%
283	12.787	12.772	12.792	VV	26626	320309	14.82%	0.167%
284	12.797	12.792	12.807	VV	26139	227210	10.51%	0.119%
285	12.812	12.807	12.820	VV	25509	191627	8.87%	0.100%
286	12.831	12.820	12.843	VV	25356	334146	15.46%	0.175%
287	12.860	12.843	12.878	VV	25663	530555	24.55%	0.277%
288	12.905	12.878	12.943	VV	28322	1039516	48.10%	0.543%
289	12.973	12.943	13.017	VV	29969	1182514	54.72%	0.618%
290	13.055	13.017	13.072	VV	27591	839507	38.85%	0.439%
291	13.077	13.072	13.085	VV	24180	175896	8.14%	0.092%
292	13.104	13.085	13.120	VV	25709	526930	24.38%	0.275%
293	13.142	13.120	13.167	VV	26695	715780	33.12%	0.374%
294	13.174	13.167	13.179	VV	25007	168176	7.78%	0.088%
295	13.186	13.179	13.195	VV	27062	255075	11.80%	0.133%
296	13.205	13.195	13.237	VV	27843	656604	30.38%	0.343%
297	13.254	13.237	13.259	VV	25496	327021	15.13%	0.171%
298	13.296	13.259	13.322	VV	33523	1085079	50.21%	0.567%
299	13.326	13.322	13.334	VV	25718	181909	8.42%	0.095%

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300	13.363	13.334	13.401	VV	27578	1041900	48.21%	0.545%
301	13.411	13.401	13.415	VV	24808	209993	9.72%	0.110%
302	13.425	13.415	13.432	VV	26120	263988	12.22%	0.138%
303	13.448	13.432	13.481	VV	28327	781150	36.15%	0.408%
304	13.487	13.481	13.496	VV	25106	211935	9.81%	0.111%
305	13.506	13.496	13.514	VV	25757	273452	12.65%	0.143%
306	13.527	13.514	13.551	VV	26051	552122	25.55%	0.289%
307	13.564	13.551	13.598	VV	25356	695088	32.16%	0.363%
308	13.611	13.598	13.617	VV	25358	274694	12.71%	0.144%
309	13.620	13.617	13.654	VV	25148	525068	24.30%	0.274%
310	13.682	13.654	13.688	VV	26387	497198	23.01%	0.260%
311	13.702	13.688	13.723	VV	26213	551783	25.53%	0.288%
312	13.752	13.723	13.798	VV	30353	1187820	54.96%	0.621%
313	13.802	13.798	13.807	VV	24592	137842	6.38%	0.072%
314	13.813	13.807	13.821	VV	24041	195212	9.03%	0.102%
315	13.864	13.821	13.891	VV	26902	1040529	48.15%	0.544%
316	13.895	13.891	13.936	VV	25791	656853	30.39%	0.343%
317	13.942	13.936	13.966	VV	23319	413082	19.11%	0.216%
318	14.007	13.966	14.016	VV	24254	690005	31.93%	0.361%
319	14.022	14.016	14.040	VV	23965	339361	15.70%	0.177%
320	14.046	14.040	14.050	VV	23226	136448	6.31%	0.071%
321	14.061	14.050	14.106	VV	25138	786573	36.40%	0.411%
322	14.124	14.106	14.131	VV	22417	316952	14.67%	0.166%
323	14.136	14.131	14.139	VV	21702	104579	4.84%	0.055%
324	14.156	14.139	14.167	VV	23842	384320	17.78%	0.201%
325	14.171	14.167	14.181	VV	23873	193024	8.93%	0.101%
326	14.205	14.181	14.215	VV	24795	491142	22.73%	0.257%
327	14.221	14.215	14.241	VV	24663	360404	16.68%	0.188%
328	14.245	14.241	14.264	VV	22939	312707	14.47%	0.163%
329	14.303	14.264	14.343	VV	25246	1080150	49.98%	0.565%
330	14.359	14.343	14.364	VV	22139	276568	12.80%	0.145%
331	14.369	14.364	14.383	VV	22411	242738	11.23%	0.127%
332	14.399	14.383	14.404	VV	23388	279067	12.91%	0.146%
333	14.410	14.404	14.434	VV	23558	423051	19.58%	0.221%
334	14.442	14.434	14.471	VV	22537	483378	22.37%	0.253%
335	14.477	14.471	14.481	VV	21920	122295	5.66%	0.064%
336	14.493	14.481	14.515	VV	22994	447515	20.71%	0.234%
337	14.520	14.515	14.537	VV	21323	277155	12.82%	0.145%
338	14.542	14.537	14.559	VV	21114	265129	12.27%	0.139%
339	14.569	14.559	14.573	VV	21231	179404	8.30%	0.094%
340	14.591	14.573	14.642	VV	23462	894271	41.38%	0.467%
341	14.708	14.642	14.717	VV	25462	1011994	46.83%	0.529%
342	14.723	14.717	14.753	VV	24965	501263	23.19%	0.262%
343	14.759	14.753	14.766	VV	21378	152561	7.06%	0.080%
344	14.776	14.766	14.796	VV	20765	362169	16.76%	0.189%
345	14.808	14.796	14.812	VV	19945	197609	9.14%	0.103%
346	14.821	14.812	14.834	VV	20234	253327	11.72%	0.132%
347	14.837	14.834	14.842	VV	19069	94830	4.39%	0.050%
348	14.861	14.842	14.871	VV	19864	325965	15.08%	0.170%
349	14.895	14.871	14.901	VV	20131	352131	16.29%	0.184%
350	14.904	14.901	14.914	VV	19988	155987	7.22%	0.082%
351	14.928	14.914	14.964	VV	21030	593636	27.47%	0.310%

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352	14.992	14.964	15.029	VV	25331	872542	40.37%	0.456%
353	15.033	15.029	15.051	VV	20582	258780	11.97%	0.135%
354	15.070	15.051	15.086	VV	20191	405862	18.78%	0.212%
355	15.091	15.086	15.108	VV	19529	254691	11.79%	0.133%
356	15.126	15.108	15.157	VV	19770	565430	26.16%	0.296%
357	15.162	15.157	15.170	VV	18882	139998	6.48%	0.073%
358	15.176	15.170	15.179	VV	19533	101348	4.69%	0.053%
359	15.189	15.179	15.195	VV	20700	198688	9.19%	0.104%
360	15.222	15.195	15.263	VV	21951	812359	37.59%	0.425%
361	15.273	15.263	15.277	VV	17764	151137	6.99%	0.079%
362	15.284	15.277	15.291	VV	17922	144754	6.70%	0.076%
363	15.296	15.291	15.308	VV	17927	182447	8.44%	0.095%
364	15.317	15.308	15.322	VV	18227	151059	6.99%	0.079%
365	15.327	15.322	15.333	VV	18234	121047	5.60%	0.063%
366	15.339	15.333	15.343	VV	18341	102772	4.76%	0.054%
367	15.367	15.343	15.383	VV	21259	475494	22.00%	0.249%
368	15.389	15.383	15.401	VV	20053	218594	10.11%	0.114%
369	15.418	15.401	15.425	VV	19898	269267	12.46%	0.141%
370	15.433	15.425	15.440	VV	19763	173476	8.03%	0.091%
371	15.444	15.440	15.451	VV	19254	123502	5.71%	0.065%
372	15.503	15.451	15.534	VV	23406	1031257	47.72%	0.539%
373	15.537	15.534	15.587	VV	20246	599360	27.73%	0.313%
374	15.593	15.587	15.599	VV	17680	116454	5.39%	0.061%
375	15.609	15.599	15.614	VV	18525	168456	7.79%	0.088%
376	15.622	15.614	15.642	VV	19228	297904	13.78%	0.156%
377	15.656	15.642	15.683	VV	18290	436699	20.21%	0.228%
378	15.690	15.683	15.699	VV	17468	164807	7.63%	0.086%
379	15.707	15.699	15.715	VV	17603	167789	7.76%	0.088%
380	15.720	15.715	15.728	VV	17455	130319	6.03%	0.068%
381	15.736	15.728	15.742	VV	16899	143557	6.64%	0.075%
382	15.754	15.742	15.762	VV	17445	199715	9.24%	0.104%
383	15.767	15.762	15.802	VV	17509	410535	19.00%	0.215%
384	15.814	15.802	15.821	VV	18580	202381	9.36%	0.106%
385	15.835	15.821	15.841	VV	18460	206339	9.55%	0.108%
386	15.844	15.841	15.849	VV	18434	94768	4.39%	0.050%
387	15.876	15.849	15.921	VV	20935	815419	37.73%	0.426%
388	15.925	15.921	15.947	VV	18189	276953	12.82%	0.145%
389	15.983	15.947	15.987	VV	18282	426537	19.74%	0.223%
390	15.996	15.987	16.019	VV	18938	340174	15.74%	0.178%
391	16.022	16.019	16.030	VV	16750	106740	4.94%	0.056%
392	16.036	16.030	16.044	VV	16549	133610	6.18%	0.070%
393	16.049	16.044	16.054	VV	15852	93783	4.34%	0.049%
394	16.060	16.054	16.076	VV	15794	200661	9.29%	0.105%
395	16.108	16.076	16.115	VV	17517	385774	17.85%	0.202%
396	16.127	16.115	16.135	VV	17615	206591	9.56%	0.108%
397	16.149	16.135	16.197	VV	19317	635769	29.42%	0.332%
398	16.212	16.197	16.221	VV	16390	220807	10.22%	0.115%
399	16.226	16.221	16.230	VV	15837	90271	4.18%	0.047%
400	16.249	16.230	16.254	VV	16916	230633	10.67%	0.121%
401	16.260	16.254	16.276	VV	17045	215094	9.95%	0.112%
402	16.280	16.276	16.287	VV	16630	112687	5.21%	0.059%
403	16.299	16.287	16.305	VV	16940	177513	8.21%	0.093%
404	16.311	16.305	16.318	VV	16909	120863	5.59%	0.063%

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405	16.323	16.318	16.328	VV	16592	100493	4.65%	0.053%
406	16.360	16.328	16.417	VV	20417	903135	41.79%	0.472%
407	16.422	16.417	16.426	VV	15224	80011	3.70%	0.042%
408	16.441	16.426	16.448	VV	16181	199432	9.23%	0.104%
409	16.452	16.448	16.470	VV	15974	210353	9.73%	0.110%
410	16.477	16.470	16.484	VV	15012	121303	5.61%	0.063%
411	16.491	16.484	16.501	VV	14905	148691	6.88%	0.078%
412	16.519	16.501	16.552	VV	16331	471155	21.80%	0.246%
413	16.559	16.552	16.567	VV	14548	121367	5.62%	0.063%
414	16.581	16.567	16.626	VV	14732	495059	22.91%	0.259%
415	16.630	16.626	16.639	VV	13590	103221	4.78%	0.054%
416	16.646	16.639	16.659	VV	13763	165744	7.67%	0.087%
417	16.688	16.659	16.692	VV	16566	285040	13.19%	0.149%
418	16.701	16.692	16.741	VV	16600	437446	20.24%	0.229%
419	16.746	16.741	16.761	VV	13712	161361	7.47%	0.084%
420	16.772	16.761	16.781	VV	13368	149171	6.90%	0.078%
421	16.786	16.781	16.803	VV	13011	161101	7.45%	0.084%
422	16.809	16.803	16.826	VV	12860	170255	7.88%	0.089%
423	16.831	16.826	16.848	VV	11926	155687	7.20%	0.081%
424	16.853	16.848	16.857	VV	12409	65447	3.03%	0.034%
425	16.863	16.857	16.888	VV	12580	225580	10.44%	0.118%
426	16.917	16.888	16.927	VV	13019	287670	13.31%	0.150%
427	16.941	16.927	16.952	VV	13867	204995	9.49%	0.107%
428	16.956	16.952	16.996	VV	13992	336585	15.57%	0.176%
429	17.012	16.996	17.041	VV	13925	328831	15.22%	0.172%
430	17.058	17.041	17.071	VV	11262	193667	8.96%	0.101%
431	17.078	17.071	17.086	VV	11171	102886	4.76%	0.054%
432	17.092	17.086	17.110	VV	11108	149501	6.92%	0.078%
433	17.115	17.110	17.119	VV	10513	56777	2.63%	0.030%
434	17.152	17.119	17.205	VV	15242	624510	28.90%	0.326%
435	17.217	17.205	17.223	VV	10200	108865	5.04%	0.057%
436	17.228	17.223	17.236	VV	10019	74338	3.44%	0.039%
437	17.239	17.236	17.245	VV	10032	57114	2.64%	0.030%
438	17.258	17.245	17.277	VV	10200	183279	8.48%	0.096%
439	17.294	17.277	17.334	VV	10772	334210	15.46%	0.175%
440	17.364	17.334	17.371	VV	10516	220997	10.23%	0.116%
441	17.392	17.371	17.414	VV	10930	260505	12.05%	0.136%
442	17.419	17.414	17.423	VV	8888	46892	2.17%	0.025%
443	17.440	17.423	17.456	VV	9870	176390	8.16%	0.092%
444	17.460	17.456	17.466	VV	8254	50496	2.34%	0.026%
445	17.473	17.466	17.487	VV	8688	106949	4.95%	0.056%
446	17.493	17.487	17.500	VV	8872	63815	2.95%	0.033%
447	17.521	17.500	17.576	VV	12594	410417	18.99%	0.214%
448	17.588	17.576	17.596	VV	7448	81853	3.79%	0.043%
449	17.600	17.596	17.607	VV	7067	48120	2.23%	0.025%
450	17.612	17.607	17.627	VV	7179	83459	3.86%	0.044%
451	17.634	17.627	17.642	VV	7429	65156	3.01%	0.034%
452	17.647	17.642	17.662	VV	7445	86435	4.00%	0.045%
453	17.681	17.662	17.686	VV	7374	102978	4.77%	0.054%
454	17.695	17.686	17.702	VV	7557	68182	3.15%	0.036%
455	17.725	17.702	17.741	VV	8339	179997	8.33%	0.094%
456	17.746	17.741	17.770	VV	7504	117690	5.45%	0.062%

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457	17.775	17.770	17.783	VV	6246	49082	2.27%	0.026%
458	17.810	17.783	17.832	VV	6800	185675	8.59%	0.097%
459	17.849	17.832	17.881	VV	7807	195349	9.04%	0.102%
460	17.886	17.881	17.907	VV	5855	87922	4.07%	0.046%
461	17.915	17.907	17.921	VV	5688	43849	2.03%	0.023%
462	17.942	17.921	17.969	VV	7045	168579	7.80%	0.088%
463	17.977	17.969	17.984	VV	5765	50675	2.34%	0.026%
464	17.992	17.984	18.012	VV	6441	99735	4.61%	0.052%
465	18.039	18.012	18.066	VV	6298	183701	8.50%	0.096%
466	18.069	18.066	18.074	VV	5255	23679	1.10%	0.012%
467	18.081	18.074	18.097	VV	5339	70433	3.26%	0.037%
468	18.132	18.097	18.143	VV	5622	144086	6.67%	0.075%
469	18.148	18.143	18.166	VV	5062	64632	2.99%	0.034%
470	18.169	18.166	18.174	VV	4879	23354	1.08%	0.012%
471	18.184	18.174	18.209	VV	4978	97791	4.53%	0.051%
472	18.213	18.209	18.218	VV	4749	24933	1.15%	0.013%
473	18.226	18.218	18.230	VV	4883	33790	1.56%	0.018%
474	18.249	18.230	18.267	VV	6746	129831	6.01%	0.068%
475	18.271	18.267	18.308	VV	5753	116271	5.38%	0.061%
476	18.338	18.308	18.345	VV	4485	90826	4.20%	0.047%
477	18.350	18.345	18.365	VV	4365	48392	2.24%	0.025%
478	18.370	18.365	18.381	VV	3903	33771	1.56%	0.018%
479	18.439	18.381	18.468	VV	5116	225447	10.43%	0.118%
480	18.472	18.468	18.481	VV	4107	30867	1.43%	0.016%
481	18.486	18.481	18.493	VV	3854	28605	1.32%	0.015%
482	18.499	18.493	18.509	VV	4046	33769	1.56%	0.018%
483	18.523	18.509	18.542	VV	3830	70638	3.27%	0.037%
484	18.547	18.542	18.564	VV	3546	46242	2.14%	0.024%
485	18.567	18.564	18.585	VV	3434	43309	2.00%	0.023%
486	18.593	18.585	18.601	VV	3569	30661	1.42%	0.016%
487	18.604	18.601	18.609	VV	3574	16852	0.78%	0.009%
488	18.652	18.609	18.698	VV	5730	245126	11.34%	0.128%
489	18.703	18.698	18.711	VV	2972	21000	0.97%	0.011%
490	18.714	18.711	18.724	VV	2967	23927	1.11%	0.013%
491	18.754	18.724	18.769	VV	3309	79345	3.67%	0.041%
492	18.777	18.769	18.789	VV	2701	29626	1.37%	0.015%
493	18.794	18.789	18.801	VV	2641	17647	0.82%	0.009%
494	18.809	18.801	18.814	VV	2732	20146	0.93%	0.011%
495	18.824	18.814	18.831	VV	2875	27654	1.28%	0.014%
496	18.832	18.831	18.839	VV	2819	12843	0.59%	0.007%
497	18.844	18.839	18.851	VV	2821	19549	0.90%	0.010%
498	18.854	18.851	18.879	VV	2923	44410	2.05%	0.023%
499	18.890	18.879	18.895	VV	2694	24896	1.15%	0.013%
500	18.901	18.895	18.907	VV	2763	19228	0.89%	0.010%
501	18.913	18.907	18.929	VV	2735	33930	1.57%	0.018%
502	18.934	18.929	18.939	VV	2642	14907	0.69%	0.008%
503	18.941	18.939	18.958	VV	2705	28785	1.33%	0.015%
504	18.965	18.958	18.976	VV	2482	25013	1.16%	0.013%
505	19.011	18.976	19.021	VV	3331	76871	3.56%	0.040%
506	19.027	19.021	19.034	VV	3451	25009	1.16%	0.013%
507	19.046	19.034	19.094	VV	3820	109473	5.07%	0.057%
508	19.098	19.094	19.111	VV	2327	21499	0.99%	0.011%
509	19.152	19.111	19.162	VV	2696	75306	3.48%	0.039%

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510	19.168	19.162	19.189	VV	2763	41447	1.92%	0.022%
511	19.192	19.189	19.212	VV	2485	32011	1.48%	0.017%
512	19.217	19.212	19.223	VV	2536	15967	0.74%	0.008%
513	19.244	19.223	19.256	VV	2771	51592	2.39%	0.027%
514	19.261	19.256	19.281	VV	2874	40856	1.89%	0.021%
515	19.305	19.281	19.309	VV	2807	44508	2.06%	0.023%
516	19.317	19.309	19.324	VV	2924	24568	1.14%	0.013%
517	19.329	19.324	19.351	VV	3117	47777	2.21%	0.025%
518	19.370	19.351	19.406	VV	3562	102092	4.72%	0.053%
519	19.422	19.406	19.456	VV	3438	90980	4.21%	0.048%
520	19.460	19.456	19.463	VV	3076	13066	0.60%	0.007%
521	19.467	19.463	19.472	VV	3216	17016	0.79%	0.009%
522	19.476	19.472	19.486	VV	3136	24727	1.14%	0.013%
523	19.489	19.486	19.493	VV	3131	12871	0.60%	0.007%
524	19.496	19.493	19.503	VV	3105	17769	0.82%	0.009%
525	19.539	19.503	19.546	VV	4003	87687	4.06%	0.046%
526	19.575	19.546	19.591	VV	3919	96409	4.46%	0.050%
527	19.594	19.591	19.600	VV	3662	21105	0.98%	0.011%
528	19.608	19.600	19.623	VV	3780	49714	2.30%	0.026%
529	19.628	19.623	19.636	VV	3828	27394	1.27%	0.014%
530	19.640	19.636	19.686	VV	3928	103699	4.80%	0.054%
531	19.691	19.686	19.699	VV	3632	27394	1.27%	0.014%
532	19.713	19.699	19.716	VV	3719	36593	1.69%	0.019%
533	19.726	19.716	19.786	VV	4001	136933	6.34%	0.072%
534	19.809	19.786	19.821	VV	3313	65046	3.01%	0.034%
535	19.824	19.821	19.829	VV	3256	15626	0.72%	0.008%
536	19.836	19.829	19.843	VV	3403	27241	1.26%	0.014%
537	19.855	19.843	19.872	VV	3414	57452	2.66%	0.030%
538	19.878	19.872	19.894	VV	3432	44273	2.05%	0.023%
539	19.901	19.894	19.911	VV	3389	32836	1.52%	0.017%
540	19.913	19.911	19.919	VV	3307	16505	0.76%	0.009%
541	19.932	19.919	19.937	VV	3535	37400	1.73%	0.020%
542	19.948	19.937	20.000	VV	3550	119298	5.52%	0.062%
543	20.007	20.000	20.012	VV	2592	18746	0.87%	0.010%
544	20.022	20.012	20.027	VV	2640	23021	1.07%	0.012%
545	20.046	20.027	20.052	VV	2624	38882	1.80%	0.020%
546	20.062	20.052	20.071	VV	2627	27051	1.25%	0.014%
547	20.095	20.071	20.124	VV	2693	79521	3.68%	0.042%
548	20.141	20.124	20.152	VV	2296	36810	1.70%	0.019%
549	20.164	20.152	20.171	VV	2251	25162	1.16%	0.013%
550	20.175	20.171	20.182	VV	2265	14122	0.65%	0.007%
551	20.188	20.182	20.199	VV	2072	19834	0.92%	0.010%
552	20.204	20.199	20.226	VV	2179	30396	1.41%	0.016%
553	20.257	20.253	20.269	VV	1723	15642	0.72%	0.008%
554	20.271	20.269	20.283	VV	1716	13871	0.64%	0.007%
555	20.288	20.283	20.294	VV	1736	11056	0.51%	0.006%
556	20.298	20.294	20.310	VV	1653	15277	0.71%	0.008%
557	20.316	20.310	20.321	VV	1721	10145	0.47%	0.005%
558	20.325	20.321	20.336	VV	1669	15243	0.71%	0.008%
559	20.344	20.336	20.347	VV	1623	10041	0.46%	0.005%
560	20.354	20.347	20.371	VV	1646	21731	1.01%	0.011%
561	20.380	20.371	20.389	VV	1730	17939	0.83%	0.009%

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562	20.405	20.389	20.425	VV	1800	36367	1.68%	0.019%
563	20.434	20.425	20.444	VV	1753	18238	0.84%	0.010%
564	20.451	20.444	20.457	VV	1754	13192	0.61%	0.007%
565	20.468	20.462	20.480	VV	1809	18050	0.84%	0.009%
566	20.511	20.491	20.537	VV	1775	45279	2.10%	0.024%
567	20.543	20.537	20.577	VV	1519	33286	1.54%	0.017%
568	20.585	20.577	20.592	VV	1477	12509	0.58%	0.007%
569	20.611	20.592	20.620	VV	1656	25389	1.17%	0.013%
570	20.627	20.620	20.633	VV	1745	12283	0.57%	0.006%
571	20.635	20.633	20.656	VV	1625	20221	0.94%	0.011%
572	20.661	20.656	20.668	VV	1436	10938	0.51%	0.006%
573	20.675	20.668	20.704	VV	1494	27327	1.26%	0.014%
574	20.720	20.704	20.726	VV	1414	16270	0.75%	0.009%
575	20.731	20.726	20.741	VV	1256	10957	0.51%	0.006%
576	20.748	20.741	20.774	VV	1035	19182	0.89%	0.010%
577	20.785	20.782	20.800	VV	1067	10004	0.46%	0.005%
578	20.814	20.811	20.843	VV	920	15899	0.74%	0.008%
579	20.871	20.867	20.911	VV	874	20130	0.93%	0.011%
580	20.992	20.969	21.021	VV	1018	26671	1.23%	0.014%
581	21.067	21.043	21.092	VV	868	20536	0.95%	0.011%
582	21.139	21.111	21.151	VV	846	17318	0.80%	0.009%
583	21.168	21.151	21.189	VV	808	16074	0.74%	0.008%
584	21.217	21.214	21.323	VV	618	25740	1.19%	0.013%
Sum of corrected areas:					191339404			

Aliphatic EPH 060922.M Wed Jun 15 15:15:42 2022