

Instrument :
FID_D
LabSampleId :
20 PPM ALIPHATIC HC STD
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10112
Data File : FD048475.D
Signal(s) : FID2B.ch
Acq On : 12 Oct 2024 07:59
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.124	3.092	3.192	BV	392499	3165786	85.93%	4.344%
2	3.200	3.192	3.212	VV	360	2958	0.08%	0.004%
3	3.222	3.212	3.233	VV	317	3048	0.08%	0.004%
4	3.242	3.233	3.272	VV	421	6599	0.18%	0.009%
5	3.274	3.272	3.282	VV	297	1591	0.04%	0.002%
6	3.286	3.282	3.291	VV	270	1566	0.04%	0.002%
7	3.298	3.291	3.314	VV	387	4065	0.11%	0.006%
8	3.323	3.314	3.336	VV	369	3560	0.10%	0.005%
9	3.341	3.336	3.344	VV	290	973	0.03%	0.001%
10	3.348	3.344	3.360	VV	327	2555	0.07%	0.004%
11	3.364	3.360	3.375	VV	400	1629	0.04%	0.002%
12	3.382	3.375	3.400	VV	396	4619	0.13%	0.006%
13	3.408	3.400	3.420	VV	454	3182	0.09%	0.004%
14	3.433	3.420	3.444	VV	343	2754	0.07%	0.004%
15	3.449	3.444	3.473	VV	237	2903	0.08%	0.004%
16	3.477	3.473	3.485	VV	248	1070	0.03%	0.001%
17	3.496	3.485	3.501	VV	242	1501	0.04%	0.002%
18	3.510	3.501	3.536	VV	324	2530	0.07%	0.003%
19	3.539	3.536	3.563	PV	235	2034	0.06%	0.003%
20	3.573	3.563	3.578	VV	337	1866	0.05%	0.003%
21	3.585	3.578	3.589	VV	258	1279	0.03%	0.002%
22	3.599	3.589	3.605	VV	234	1669	0.05%	0.002%
23	3.608	3.605	3.618	VV	280	1712	0.05%	0.002%
24	3.622	3.618	3.637	VV	233	2126	0.06%	0.003%
25	3.643	3.637	3.649	VV	932	2019	0.05%	0.003%
26	3.653	3.649	3.661	VV	247	1472	0.04%	0.002%
27	3.670	3.661	3.679	VV	290	2309	0.06%	0.003%
28	3.683	3.679	3.690	VV	323	1602	0.04%	0.002%
29	3.701	3.690	3.726	VV	493	6503	0.18%	0.009%
30	3.729	3.726	3.755	VV	307	3428	0.09%	0.005%
31	3.764	3.755	3.776	VV	301	2816	0.08%	0.004%
32	3.792	3.776	3.815	VV	484	5396	0.15%	0.007%
33	3.821	3.815	3.837	VV	363	3182	0.09%	0.004%
34	3.840	3.837	3.858	VV	312	2948	0.08%	0.004%
35	3.869	3.858	3.878	VV	403	2749	0.07%	0.004%
36	3.891	3.878	3.900	VV	278	2332	0.06%	0.003%

					retention				
37	3.904	3.900	3.914	VV	379	1900	0.05%	0.003%	
38	3.917	3.914	3.940	VV	333	3264			
39	3.945	3.940	3.951	VV	291	1219			
40	3.980	3.951	3.988	VV	539	6866			
41	3.998	3.988	4.007	VV	352	2950			
42	4.009	4.007	4.016	VV	341	1112			
43	4.025	4.016	4.034	VV	273	1786	0.05%	0.002%	
44	4.037	4.034	4.049	VV	240	1416	0.04%	0.002%	
45	4.084	4.049	4.099	VV	363	6541	0.18%	0.009%	
46	4.120	4.099	4.136	VV	302	5421	0.15%	0.007%	
47	4.170	4.136	4.222	VV	366701	3241903	87.99%	4.449%	
48	4.224	4.222	4.260	VV	1046	15552	0.42%	0.021%	
49	4.278	4.260	4.300	VV	646	12126	0.33%	0.017%	
50	4.304	4.300	4.317	VV	538	4084	0.11%	0.006%	
51	4.321	4.317	4.325	VV	350	1426	0.04%	0.002%	
52	4.329	4.325	4.345	VV	395	3534	0.10%	0.005%	
53	4.350	4.345	4.360	VV	300	2546	0.07%	0.003%	
54	4.364	4.360	4.373	VV	399	2681	0.07%	0.004%	
55	4.377	4.373	4.388	VV	400	3223	0.09%	0.004%	
56	4.395	4.388	4.403	VV	508	3143	0.09%	0.004%	
57	4.417	4.403	4.439	VV	446	7193	0.20%	0.010%	
58	4.446	4.439	4.464	VV	381	4654	0.13%	0.006%	
59	4.468	4.464	4.478	VV	340	1982	0.05%	0.003%	
60	4.495	4.478	4.508	VV	316	4301	0.12%	0.006%	
61	4.512	4.508	4.517	VV	275	1090	0.03%	0.001%	
62	4.523	4.517	4.533	VV	392	1942	0.05%	0.003%	
63	4.548	4.533	4.557	VV	366	2665	0.07%	0.004%	
64	4.560	4.557	4.572	VV	197	1402	0.04%	0.002%	
65	4.594	4.572	4.601	VV	234	2427	0.07%	0.003%	
66	4.610	4.601	4.614	VV	285	1262	0.03%	0.002%	
67	4.620	4.614	4.625	VV	256	1165	0.03%	0.002%	
68	4.646	4.625	4.660	VV	397	4885	0.13%	0.007%	
69	4.670	4.660	4.678	PV	288	2191	0.06%	0.003%	
70	4.690	4.678	4.706	VV	412	4012	0.11%	0.006%	
71	4.708	4.706	4.721	VV	314	1892	0.05%	0.003%	
72	4.727	4.721	4.732	VV	322	1630	0.04%	0.002%	
73	4.737	4.732	4.752	VV	309	2275	0.06%	0.003%	
74	4.761	4.752	4.769	VV	288	1973	0.05%	0.003%	
75	4.774	4.769	4.777	VV	186	661	0.02%	0.001%	
76	4.785	4.777	4.800	VV	216	2310	0.06%	0.003%	
77	4.806	4.800	4.832	VV	265	3968	0.11%	0.005%	
78	4.839	4.832	4.843	VV	300	1300	0.04%	0.002%	
79	4.859	4.843	4.876	VV	327	5053	0.14%	0.007%	
80	4.881	4.876	4.898	VV	314	2526	0.07%	0.003%	
81	4.914	4.898	4.939	VV	405	6204	0.17%	0.009%	
82	4.942	4.939	4.951	VV	401	1528	0.04%	0.002%	
83	4.966	4.951	4.974	VV	305	2284	0.06%	0.003%	
84	4.987	4.974	5.006	VV	302	3045	0.08%	0.004%	
85	5.014	5.006	5.020	VV	322	1835	0.05%	0.003%	
86	5.026	5.020	5.034	VV	302	1866	0.05%	0.003%	
87	5.037	5.034	5.049	VV	259	1739	0.05%	0.002%	
88	5.062	5.049	5.075	VV	379	4032	0.11%	0.006%	
89	5.078	5.075	5.082	VV	344	1061	0.03%	0.001%	

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90	5.096	5.082	5.119	VV	451	5142		
91	5.130	5.119	5.141	PV	247	2154		
92	5.152	5.141	5.159	VV	334	2019		
93	5.166	5.159	5.187	VV	427	4449		
94	5.205	5.187	5.222	VV	379	5880		
95	5.223	5.222	5.227	VV	435	1123		
96	5.238	5.227	5.256	VV	407	4776	0.13%	0.007%
97	5.265	5.256	5.281	VV	341	4003	0.11%	0.005%
98	5.284	5.281	5.292	VV	373	1662	0.05%	0.002%
99	5.296	5.292	5.301	VV	258	1187	0.03%	0.002%
100	5.306	5.301	5.316	VV	355	2373	0.06%	0.003%
101	5.325	5.316	5.334	VV	339	2815	0.08%	0.004%
102	5.346	5.334	5.350	VV	371	2598	0.07%	0.004%
103	5.354	5.350	5.358	VV	414	1468	0.04%	0.002%
104	5.363	5.358	5.405	VV	510	6587	0.18%	0.009%
105	5.426	5.405	5.440	VV	402	6058	0.16%	0.008%
106	5.443	5.440	5.446	VV	385	1014	0.03%	0.001%
107	5.451	5.446	5.465	VV	252	2534	0.07%	0.003%
108	5.469	5.465	5.485	VV	294	2682	0.07%	0.004%
109	5.506	5.485	5.521	VV	318	5113	0.14%	0.007%
110	5.531	5.521	5.540	VV	349	2605	0.07%	0.004%
111	5.551	5.540	5.573	VV	344	4627	0.13%	0.006%
112	5.581	5.573	5.597	VV	404	4100	0.11%	0.006%
113	5.604	5.597	5.624	VV	436	4362	0.12%	0.006%
114	5.629	5.624	5.635	VV	144	937	0.03%	0.001%
115	5.647	5.635	5.657	VV	335	3450	0.09%	0.005%
116	5.659	5.657	5.678	VV	353	3266	0.09%	0.004%
117	5.681	5.678	5.687	VV	226	1049	0.03%	0.001%
118	5.690	5.687	5.696	VV	328	1328	0.04%	0.002%
119	5.717	5.696	5.865	VV	364126	3571379	96.93%	4.901%
120	5.873	5.865	5.885	VV	908	9380	0.25%	0.013%
121	5.898	5.885	5.917	VV	761	11974	0.33%	0.016%
122	5.920	5.917	5.948	VV	554	8047	0.22%	0.011%
123	5.950	5.948	5.966	VV	576	4486	0.12%	0.006%
124	5.974	5.966	5.983	VV	451	2812	0.08%	0.004%
125	5.996	5.983	6.005	VV	528	3988	0.11%	0.005%
126	6.009	6.005	6.012	VV	283	1169	0.03%	0.002%
127	6.017	6.012	6.027	VV	311	2198	0.06%	0.003%
128	6.043	6.027	6.066	VV	343	5956	0.16%	0.008%
129	6.084	6.066	6.110	VV	418	7272	0.20%	0.010%
130	6.121	6.110	6.136	VV	368	3969	0.11%	0.005%
131	6.163	6.136	6.229	VV	337500	3294662	89.42%	4.521%
132	6.234	6.229	6.264	VV	576	9576	0.26%	0.013%
133	6.268	6.264	6.276	VV	320	1781	0.05%	0.002%
134	6.282	6.276	6.296	VV	444	3398	0.09%	0.005%
135	6.303	6.296	6.327	VV	445	6255	0.17%	0.009%
136	6.331	6.327	6.349	VV	325	2528	0.07%	0.003%
137	6.357	6.349	6.364	VV	266	1643	0.04%	0.002%
138	6.381	6.364	6.385	VV	377	3096	0.08%	0.004%
139	6.389	6.385	6.412	VV	298	4017	0.11%	0.006%
140	6.423	6.412	6.427	VV	236	1357	0.04%	0.002%
141	6.446	6.427	6.458	VV	274	3557	0.10%	0.005%

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142	6.477	6.458	6.492	VV	350	4747	0.13%	0.007%
143	6.499	6.492	6.509	VV	281	2417	0.07%	0.003%
144	6.521	6.509	6.533	VV	337	3530	0.09%	0.004%
145	6.538	6.533	6.548	VV	345	2258	0.09%	0.003%
146	6.554	6.548	6.558	VV	308	1614	0.08%	0.003%
147	6.564	6.558	6.584	VV	290	3016	0.08%	0.003%
148	6.599	6.584	6.610	VV	358	4152	0.11%	0.006%
149	6.616	6.610	6.620	VV	420	1892	0.05%	0.003%
150	6.625	6.620	6.648	VV	408	4369	0.12%	0.006%
151	6.679	6.648	6.714	VV	5698	67154	1.82%	0.092%
152	6.717	6.714	6.732	VV	639	3914	0.11%	0.005%
153	6.763	6.732	6.902	VV	314688	3441388	93.41%	4.722%
154	6.907	6.902	6.944	VV	1169	24924	0.68%	0.034%
155	6.948	6.944	6.962	VV	913	9074	0.25%	0.012%
156	7.004	6.962	7.022	VV	1540	40841	1.11%	0.056%
157	7.025	7.022	7.043	VV	1011	10790	0.29%	0.015%
158	7.058	7.043	7.073	VV	1121	16529	0.45%	0.023%
159	7.086	7.073	7.120	VV	1148	23431	0.64%	0.032%
160	7.125	7.120	7.129	VV	750	3414	0.09%	0.005%
161	7.133	7.129	7.142	VV	804	4628	0.13%	0.006%
162	7.157	7.142	7.171	VV	691	8903	0.24%	0.012%
163	7.177	7.171	7.195	VV	574	5358	0.15%	0.007%
164	7.197	7.195	7.234	VV	423	6282	0.17%	0.009%
165	7.250	7.234	7.279	VV	705	11555	0.31%	0.016%
166	7.291	7.279	7.307	VV	479	6021	0.16%	0.008%
167	7.344	7.307	7.376	VV	429	13190	0.36%	0.018%
168	7.382	7.376	7.399	VV	548	4446	0.12%	0.006%
169	7.407	7.399	7.419	VV	390	3387	0.09%	0.005%
170	7.436	7.419	7.443	VV	402	4109	0.11%	0.006%
171	7.452	7.443	7.467	VV	469	5139	0.14%	0.007%
172	7.474	7.467	7.487	VV	429	3875	0.11%	0.005%
173	7.498	7.487	7.510	VV	560	5631	0.15%	0.008%
174	7.519	7.510	7.524	VV	343	2833	0.08%	0.004%
175	7.531	7.524	7.557	VV	419	5474	0.15%	0.008%
176	7.566	7.557	7.580	VV	393	4424	0.12%	0.006%
177	7.585	7.580	7.607	VV	400	4434	0.12%	0.006%
178	7.610	7.607	7.625	VV	414	3061	0.08%	0.004%
179	7.645	7.625	7.682	VV	793	16019	0.43%	0.022%
180	7.701	7.682	7.736	VV	790	10727	0.29%	0.015%
181	7.741	7.736	7.764	VV	149	2023	0.05%	0.003%
182	7.769	7.764	7.784	VV	188	1721	0.05%	0.002%
183	7.789	7.784	7.794	VV	171	907	0.02%	0.001%
184	7.797	7.794	7.820	VV	330	3749	0.10%	0.005%
185	7.832	7.820	7.838	VV	305	2561	0.07%	0.004%
186	7.854	7.838	7.897	VV	403	8584	0.23%	0.012%
187	7.902	7.897	7.906	VV	261	1143	0.03%	0.002%
188	7.945	7.906	8.033	VV	318709	3271893	88.81%	4.490%
189	8.040	8.033	8.046	VV	564	3858	0.10%	0.005%
190	8.057	8.046	8.081	VV	612	10341	0.28%	0.014%
191	8.090	8.081	8.114	VV	614	10429	0.28%	0.014%
192	8.136	8.114	8.162	VV	411	10391	0.28%	0.014%
193	8.167	8.162	8.179	VV	445	3937	0.11%	0.005%
194	8.181	8.179	8.195	VV	390	2650	0.07%	0.004%

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195	8.200	8.195	8.223	VV	339	4733	0.13%	0.006%
196	8.230	8.223	8.256	VV	404	5873		
197	8.266	8.256	8.277	VV	368	3627		
198	8.298	8.277	8.317	VV	569	9507		
199	8.321	8.317	8.347	VV	468	6182		
200	8.367	8.347	8.376	VV	457	5725		
201	8.382	8.376	8.386	VV	499	2197	0.06%	0.003%
202	8.397	8.386	8.436	VV	408	8926	0.24%	0.012%
203	8.445	8.436	8.469	VV	375	5054	0.14%	0.007%
204	8.479	8.469	8.485	VV	380	3319	0.09%	0.005%
205	8.488	8.485	8.504	VV	365	3319	0.09%	0.005%
206	8.509	8.504	8.512	VV	392	1426	0.04%	0.002%
207	8.529	8.512	8.536	VV	484	5456	0.15%	0.007%
208	8.546	8.536	8.564	VV	495	5963	0.16%	0.008%
209	8.568	8.564	8.576	VV	323	2129	0.06%	0.003%
210	8.581	8.576	8.604	VV	430	3923	0.11%	0.005%
211	8.612	8.604	8.620	VV	256	1690	0.05%	0.002%
212	8.640	8.620	8.654	VV	451	4817	0.13%	0.007%
213	8.665	8.654	8.688	VV	665	8924	0.24%	0.012%
214	8.700	8.688	8.715	VV	344	4596	0.12%	0.006%
215	8.720	8.715	8.739	VV	413	3376	0.09%	0.005%
216	8.772	8.739	8.804	PV	619	14099	0.38%	0.019%
217	8.820	8.804	8.837	VV	553	8456	0.23%	0.012%
218	8.843	8.837	8.853	VV	436	3199	0.09%	0.004%
219	8.855	8.853	8.861	VV	374	1285	0.03%	0.002%
220	8.865	8.861	8.872	VV	330	1542	0.04%	0.002%
221	8.883	8.872	8.887	VV	316	2331	0.06%	0.003%
222	8.891	8.887	8.917	VV	330	4026	0.11%	0.006%
223	8.935	8.917	8.941	VV	463	3791	0.10%	0.005%
224	8.958	8.941	8.970	VV	466	5460	0.15%	0.007%
225	8.979	8.970	8.984	VV	306	2142	0.06%	0.003%
226	9.010	8.984	9.034	VV	529	9753	0.26%	0.013%
227	9.048	9.034	9.051	VV	324	2285	0.06%	0.003%
228	9.057	9.051	9.062	VV	401	1972	0.05%	0.003%
229	9.068	9.062	9.071	VV	294	1539	0.04%	0.002%
230	9.075	9.071	9.088	VV	470	3163	0.09%	0.004%
231	9.102	9.088	9.117	VV	541	6370	0.17%	0.009%
232	9.126	9.117	9.134	VV	416	3450	0.09%	0.005%
233	9.142	9.134	9.166	VV	431	5484	0.15%	0.008%
234	9.182	9.166	9.204	VV	426	5899	0.16%	0.008%
235	9.228	9.204	9.265	VV	420	10491	0.28%	0.014%
236	9.278	9.265	9.296	VV	485	5972	0.16%	0.008%
237	9.317	9.296	9.337	VV	1636	22570	0.61%	0.031%
238	9.344	9.337	9.365	VV	440	5190	0.14%	0.007%
239	9.369	9.365	9.384	VV	312	2296	0.06%	0.003%
240	9.407	9.384	9.428	VV	492	8686	0.24%	0.012%
241	9.433	9.428	9.440	VV	463	2656	0.07%	0.004%
242	9.454	9.440	9.460	VV	526	4659	0.13%	0.006%
243	9.466	9.460	9.491	VV	545	7161	0.19%	0.010%
244	9.496	9.491	9.499	VV	288	1165	0.03%	0.002%
245	9.534	9.499	9.592	VV	319955	3342532	90.72%	4.587%
246	9.595	9.592	9.617	VV	612	8638	0.23%	0.012%

Instrument :

FID_D

LabSampleId :

20 PPM ALIPHATIC HC STD

0.13% 0.006%

Manual IntegrationsAPPROVED

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					rters			
247	9.622	9.617	9.635	VV	594	4206	0.11%	0.006%
248	9.651	9.635	9.659	VV	322	3817		
249	9.664	9.659	9.677	VV	413	3640		
250	9.685	9.677	9.707	VV	456	5429		
251	9.711	9.707	9.716	VV	324	1499		
252	9.737	9.716	9.748	VV	476	6587		
253	9.754	9.748	9.775	VV	500	5559	0.15%	0.008%
254	9.780	9.775	9.783	VV	364	1765	0.05%	0.002%
255	9.788	9.783	9.821	VV	403	5878	0.16%	0.008%
256	9.829	9.821	9.854	VV	358	4123	0.11%	0.006%
257	9.870	9.854	9.881	VV	328	3387	0.09%	0.005%
258	9.889	9.881	9.894	VV	332	1784	0.05%	0.002%
259	9.897	9.894	9.901	VV	279	1086	0.03%	0.001%
260	9.916	9.901	9.962	VV	392	8961	0.24%	0.012%
261	9.968	9.962	9.978	VV	297	2227	0.06%	0.003%
262	9.983	9.978	9.987	VV	203	919	0.02%	0.001%
263	10.000	9.987	10.015	VV	392	4240	0.12%	0.006%
264	10.023	10.015	10.039	VV	345	3873	0.11%	0.005%
265	10.049	10.039	10.057	VV	365	3281	0.09%	0.005%
266	10.065	10.057	10.079	VV	338	3676	0.10%	0.005%
267	10.106	10.079	10.123	VV	533	8912	0.24%	0.012%
268	10.127	10.123	10.136	VV	370	1903	0.05%	0.003%
269	10.141	10.136	10.149	VV	231	1408	0.04%	0.002%
270	10.160	10.149	10.175	VV	417	4439	0.12%	0.006%
271	10.189	10.175	10.199	VV	292	3223	0.09%	0.004%
272	10.233	10.199	10.243	VV	481	8672	0.24%	0.012%
273	10.251	10.243	10.255	VV	588	2845	0.08%	0.004%
274	10.261	10.255	10.288	VV	538	7987	0.22%	0.011%
275	10.295	10.288	10.328	VV	412	6536	0.18%	0.009%
276	10.334	10.328	10.338	VV	268	1148	0.03%	0.002%
277	10.350	10.338	10.365	VV	395	3933	0.11%	0.005%
278	10.377	10.365	10.386	VV	403	3653	0.10%	0.005%
279	10.390	10.386	10.405	VV	325	3161	0.09%	0.004%
280	10.412	10.405	10.438	VV	264	3829	0.10%	0.005%
281	10.463	10.438	10.477	VV	432	5929	0.16%	0.008%
282	10.483	10.477	10.485	VV	296	1216	0.03%	0.002%
283	10.494	10.485	10.509	VV	378	4161	0.11%	0.006%
284	10.520	10.509	10.530	VV	376	3910	0.11%	0.005%
285	10.541	10.530	10.553	VV	396	3903	0.11%	0.005%
286	10.564	10.553	10.612	VV	465	10820	0.29%	0.015%
287	10.619	10.612	10.650	VV	518	6571	0.18%	0.009%
288	10.663	10.650	10.681	VV	397	5722	0.16%	0.008%
289	10.686	10.681	10.694	VV	363	1928	0.05%	0.003%
290	10.703	10.694	10.712	VV	323	2868	0.08%	0.004%
291	10.725	10.712	10.737	VV	341	4618	0.13%	0.006%
292	10.739	10.737	10.758	VV	439	3843	0.10%	0.005%
293	10.764	10.758	10.775	VV	384	3114	0.08%	0.004%
294	10.778	10.775	10.795	VV	292	2715	0.07%	0.004%
295	10.804	10.795	10.822	VV	413	4976	0.14%	0.007%
296	10.830	10.822	10.850	VV	393	3758	0.10%	0.005%
297	10.861	10.850	10.872	VV	301	3064	0.08%	0.004%
298	10.897	10.872	10.924	VV	808	14042	0.38%	0.019%
299	10.966	10.924	11.024	VV	296238	3366863	91.38%	4.620%

Instrument :
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20 PPM ALIPHATIC HC STD

Manual IntegrationsAPPROVED

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300	11.028	11.024	11.050	VV	684	8792	0.24%	0.012%
301	11.065	11.050	11.087	VV	527	8149		
302	11.114	11.087	11.118	VV	432	5561		
303	11.126	11.118	11.131	VV	424	2777		
304	11.147	11.131	11.163	VV	392	6236		
305	11.168	11.163	11.172	VV	346	1623		
306	11.175	11.172	11.200	VV	398	4433	0.12%	0.006%
307	11.203	11.200	11.232	VV	348	5101	0.14%	0.007%
308	11.263	11.232	11.342	VV	352348	3684304	100.00%	5.056%
309	11.343	11.342	11.350	VV	723	2692	0.07%	0.004%
310	11.354	11.350	11.368	VV	679	5987	0.16%	0.008%
311	11.377	11.368	11.391	VV	622	6891	0.19%	0.009%
312	11.396	11.391	11.414	VV	422	5359	0.15%	0.007%
313	11.426	11.414	11.456	VV	549	10289	0.28%	0.014%
314	11.463	11.456	11.482	VV	437	5305	0.14%	0.007%
315	11.493	11.482	11.515	VV	536	6099	0.17%	0.008%
316	11.525	11.515	11.537	VV	324	3496	0.09%	0.005%
317	11.541	11.537	11.546	VV	259	1316	0.04%	0.002%
318	11.549	11.546	11.554	VV	238	1024	0.03%	0.001%
319	11.561	11.554	11.575	VV	327	2597	0.07%	0.004%
320	11.583	11.575	11.597	VV	288	2558	0.07%	0.004%
321	11.602	11.597	11.610	PV	256	1358	0.04%	0.002%
322	11.637	11.610	11.652	VV	583	6929	0.19%	0.010%
323	11.656	11.652	11.671	VV	380	3381	0.09%	0.005%
324	11.676	11.671	11.679	VV	248	1173	0.03%	0.002%
325	11.686	11.679	11.711	VV	408	5361	0.15%	0.007%
326	11.717	11.711	11.720	VV	286	1270	0.03%	0.002%
327	11.726	11.720	11.754	VV	345	4205	0.11%	0.006%
328	11.835	11.754	11.854	VV	406	15536	0.42%	0.021%
329	11.858	11.854	11.866	VV	273	1832	0.05%	0.003%
330	11.876	11.866	11.894	VV	355	4012	0.11%	0.006%
331	11.913	11.894	11.941	VV	395	7955	0.22%	0.011%
332	11.967	11.941	12.007	VV	396	11135	0.30%	0.015%
333	12.015	12.007	12.027	VV	327	3240	0.09%	0.004%
334	12.036	12.027	12.060	VV	308	5215	0.14%	0.007%
335	12.084	12.060	12.163	VV	573	20577	0.56%	0.028%
336	12.221	12.163	12.227	VV	389	9526	0.26%	0.013%
337	12.267	12.227	12.316	VV	277100	3221867	87.45%	4.421%
338	12.321	12.316	12.364	VV	526	11927	0.32%	0.016%
339	12.370	12.364	12.381	VV	493	4377	0.12%	0.006%
340	12.387	12.381	12.417	VV	395	7199	0.20%	0.010%
341	12.424	12.417	12.457	VV	360	6487	0.18%	0.009%
342	12.481	12.457	12.490	VV	387	4904	0.13%	0.007%
343	12.499	12.490	12.525	VV	344	5244	0.14%	0.007%
344	12.540	12.525	12.548	VV	198	2434	0.07%	0.003%
345	12.557	12.548	12.565	VV	380	1983	0.05%	0.003%
346	12.601	12.565	12.642	VV	422	14445	0.39%	0.020%
347	12.705	12.642	12.802	VV	243745	2799854	75.99%	3.842%
348	12.809	12.802	12.820	VV	662	5943	0.16%	0.008%
349	12.875	12.820	12.958	VV	270438	3190201	86.59%	4.378%
350	12.971	12.958	12.987	VV	651	7788	0.21%	0.011%
351	12.992	12.987	13.024	VV	617	9355	0.25%	0.013%

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20 PPM ALIPHATIC HC STD

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352	13.053	13.024	13.107	VV	1101	28913	0.78%	0.040%
353	13.116	13.107	13.123	VV	383	3001		
354	13.141	13.123	13.160	VV	417	7533		
355	13.174	13.160	13.180	VV	419	4273		
356	13.189	13.180	13.214	VV	472	6793		
357	13.225	13.214	13.235	VV	326	4165		
358	13.282	13.235	13.330	VV	1387	40732	1.11%	0.056%
359	13.336	13.330	13.358	VV	599	8026	0.22%	0.011%
360	13.365	13.358	13.390	VV	523	6381	0.17%	0.009%
361	13.458	13.390	13.523	VV	260033	3151790	85.55%	4.325%
362	13.532	13.523	13.574	VV	584	12238	0.33%	0.017%
363	13.585	13.574	13.598	VV	430	4938	0.13%	0.007%
364	13.607	13.598	13.615	VV	300	3401	0.09%	0.005%
365	13.623	13.615	13.640	VV	349	4529	0.12%	0.006%
366	13.653	13.640	13.699	VV	526	12251	0.33%	0.017%
367	13.726	13.699	13.745	VV	492	10496	0.28%	0.014%
368	13.794	13.745	13.809	VV	425	11594	0.31%	0.016%
369	13.817	13.809	13.829	VV	421	4555	0.12%	0.006%
370	13.845	13.829	13.867	VV	555	7536	0.20%	0.010%
371	13.893	13.867	13.924	VV	872	19284	0.52%	0.026%
372	13.929	13.924	13.957	VV	474	6766	0.18%	0.009%
373	13.965	13.957	14.002	VV	262	6436	0.17%	0.009%
374	14.019	14.002	14.050	VV	438	8824	0.24%	0.012%
375	14.061	14.050	14.082	VV	376	4852	0.13%	0.007%
376	14.109	14.082	14.122	VV	354	7223	0.20%	0.010%
377	14.132	14.122	14.144	VV	435	4824	0.13%	0.007%
378	14.183	14.144	14.211	VV	930	21923	0.60%	0.030%
379	14.230	14.211	14.271	VV	478	12783	0.35%	0.018%
380	14.292	14.271	14.306	VV	386	6215	0.17%	0.009%
381	14.397	14.306	14.457	VV	1122	41656	1.13%	0.057%
382	14.499	14.457	14.518	VV	518	12020	0.33%	0.016%
383	14.555	14.518	14.624	VV	256432	3084700	83.73%	4.233%
384	14.634	14.624	14.644	VV	511	3900	0.11%	0.005%
385	14.658	14.644	14.682	VV	413	7618	0.21%	0.010%
386	14.694	14.682	14.704	VV	368	3496	0.09%	0.005%
387	14.718	14.704	14.732	PV	414	4286	0.12%	0.006%
388	14.744	14.732	14.766	VV	341	5045	0.14%	0.007%
389	14.804	14.766	14.832	VV	394	10690	0.29%	0.015%
390	14.853	14.832	14.877	VV	441	7400	0.20%	0.010%
391	14.899	14.877	14.910	VV	376	6025	0.16%	0.008%
392	14.922	14.910	14.962	VV	436	10507	0.29%	0.014%
393	14.970	14.962	15.017	VV	436	10711	0.29%	0.015%
394	15.022	15.017	15.044	VV	338	4300	0.12%	0.006%
395	15.074	15.044	15.127	VV	1100	21336	0.58%	0.029%
396	15.149	15.127	15.157	VV	254	3324	0.09%	0.005%
397	15.183	15.157	15.207	VV	363	7577	0.21%	0.010%
398	15.220	15.207	15.230	VV	289	2743	0.07%	0.004%
399	15.264	15.230	15.285	VV	421	9999	0.27%	0.014%
400	15.291	15.285	15.304	VV	490	4118	0.11%	0.006%
401	15.308	15.304	15.319	VV	337	2841	0.08%	0.004%
402	15.349	15.319	15.367	VV	378	9455	0.26%	0.013%
403	15.392	15.367	15.420	VV	397	8927	0.24%	0.012%
404	15.436	15.420	15.501	VV	511	15010	0.41%	0.021%

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20 PPM ALIPHATIC HC STD

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							Instrument : FID_D	
							LabSampled : 20 PPM ALIPHATIC HC STD	
	rt				Area	Height	Area%	Height%
405	15.571	15.501	15.647	VV	236825	3000345	81.44%	4.117%
							Manual IntegrationsAPPROVED	
406	15.660	15.647	15.700	VV	366	8944	0.11%	0.006%
407	15.717	15.700	15.775	VV	417	11027	0.10%	0.005%
408	15.783	15.775	15.804	VV	270	3142	0.16%	0.008%
409	15.812	15.804	15.825	VV	241	2606	0.76%	0.038%
410	15.835	15.825	15.879	VV	268	6442	0.22%	0.011%
411	15.886	15.879	15.927	VV	245	4031	0.11%	0.006%
412	15.952	15.927	15.967	PV	234	3589	0.10%	0.005%
413	16.011	15.967	16.022	VV	325	5982	0.16%	0.008%
414	16.050	16.022	16.098	VV	1690	28012	0.76%	0.038%
415	16.131	16.098	16.152	VV	414	8123	0.22%	0.011%
416	16.162	16.152	16.175	VV	219	2113	0.06%	0.003%
417	16.212	16.175	16.235	VV	288	6712	0.18%	0.009%
418	16.244	16.235	16.270	VV	310	4570	0.12%	0.006%
419	16.289	16.270	16.324	VV	297	6733	0.18%	0.009%
420	16.329	16.324	16.342	VV	288	1688	0.05%	0.002%
421	16.357	16.342	16.380	VV	445	5861	0.16%	0.008%
422	16.387	16.380	16.414	VV	434	6254	0.17%	0.009%
423	16.428	16.414	16.447	VV	392	4810	0.13%	0.007%
424	16.515	16.447	16.601	VV	223601	2887213	78.37%	3.962%
425	16.608	16.601	16.632	VV	343	4846	0.13%	0.007%
426	16.645	16.632	16.664	VV	242	4701	0.13%	0.006%
427	16.681	16.664	16.693	VV	334	4170	0.11%	0.006%
428	16.703	16.693	16.720	VV	233	2518	0.07%	0.003%
429	16.734	16.720	16.760	VV	544	6052	0.16%	0.008%
430	16.775	16.760	16.785	VV	331	4129	0.11%	0.006%
431	16.817	16.785	16.834	VV	510	9952	0.27%	0.014%
432	16.842	16.834	16.887	VV	328	6860	0.19%	0.009%
433	16.921	16.887	16.929	VV	462	6983	0.19%	0.010%
434	16.962	16.929	17.014	VV	3425	58363	1.58%	0.080%
435	17.021	17.014	17.033	VV	364	3088	0.08%	0.004%
436	17.078	17.033	17.100	VV	466	11962	0.32%	0.016%
437	17.122	17.100	17.140	VV	406	7269	0.20%	0.010%
438	17.146	17.140	17.155	VV	350	2668	0.07%	0.004%
439	17.177	17.155	17.207	VV	511	9833	0.27%	0.013%
440	17.286	17.207	17.331	VV	2538	54560	1.48%	0.075%
441	17.397	17.331	17.461	VV	214005	2870091	77.90%	3.938%
442	17.470	17.461	17.524	VV	540	14527	0.39%	0.020%
443	17.550	17.524	17.583	VV	561	12416	0.34%	0.017%
444	17.606	17.583	17.617	VV	571	8144	0.22%	0.011%
445	17.628	17.617	17.654	VV	491	9081	0.25%	0.012%
446	17.687	17.654	17.768	VV	650	27377	0.74%	0.038%
447	17.816	17.768	17.872	PV	5348	88870	2.41%	0.122%
448	17.896	17.872	17.909	VV	633	9631	0.26%	0.013%
449	17.917	17.909	17.923	VV	496	3960	0.11%	0.005%
450	17.931	17.923	17.943	VV	534	5559	0.15%	0.008%
451	17.955	17.943	17.968	VV	599	6680	0.18%	0.009%
452	17.979	17.968	17.987	VV	508	5227	0.14%	0.007%
453	18.001	17.987	18.014	VV	511	7566	0.21%	0.010%
454	18.020	18.014	18.030	VV	625	4140	0.11%	0.006%
455	18.044	18.030	18.056	VV	458	5581	0.15%	0.008%
456	18.077	18.056	18.134	VV	790	27269	0.74%	0.037%

Manual IntegrationsAPPROVED

				retention				
457	18.139	18.134	18.150	VV	546	5198	0.14%	0.007%
458	18.225	18.150	18.267	VV	194754	2736078	74.00%	0.000%
459	18.271	18.267	18.335	VV	1124	34016	0.00%	0.000%
460	18.341	18.335	18.352	VV	800	6442	0.00%	0.000%
461	18.379	18.352	18.419	VV	963	30892	0.00%	0.000%
462	18.430	18.419	18.442	VV	707	9616	0.00%	0.000%
463	18.484	18.442	18.499	VV	1045	30708	0.83%	0.042%
464	18.525	18.499	18.534	VV	1118	20926	0.57%	0.029%
465	18.543	18.534	18.572	VV	1170	22399	0.61%	0.031%
466	18.619	18.572	18.647	VV	5679	107810	2.93%	0.148%
467	18.655	18.647	18.665	VV	1022	10110	0.27%	0.014%
468	18.808	18.665	18.852	VV	1535	120395	3.27%	0.165%
469	18.864	18.852	18.887	VV	1467	27464	0.75%	0.038%
470	18.912	18.887	18.929	VV	1518	30983	0.84%	0.043%
471	18.936	18.929	18.947	VV	1326	13490	0.37%	0.019%
472	19.003	18.947	19.069	VV	175789	2439391	66.21%	3.347%
473	19.082	19.069	19.095	VV	1587	23765	0.65%	0.033%
474	19.105	19.095	19.117	VV	1504	18833	0.51%	0.026%
475	19.124	19.117	19.141	VV	1413	20537	0.56%	0.028%
476	19.170	19.141	19.199	VV	1537	49187	1.34%	0.067%
477	19.240	19.199	19.274	VV	1867	71499	1.94%	0.098%
478	19.284	19.274	19.295	VV	1672	20891	0.57%	0.029%
479	19.322	19.295	19.342	VV	2203	54037	1.47%	0.074%
480	19.376	19.342	19.414	VV	4834	114977	3.12%	0.158%
481	19.424	19.414	19.435	VV	1809	21688	0.59%	0.030%
482	19.471	19.435	19.490	VV	1795	56161	1.52%	0.077%
483	19.527	19.490	19.537	VV	1941	49082	1.33%	0.067%
484	19.559	19.537	19.574	VV	1914	40878	1.11%	0.056%
485	19.610	19.574	19.621	VV	2280	59196	1.61%	0.081%
486	19.647	19.621	19.680	VV	2497	81658	2.22%	0.112%
487	19.740	19.680	19.780	VV	144988	2149530	58.34%	2.950%
488	19.812	19.780	19.842	VV	3204	104716	2.84%	0.144%
489	19.876	19.842	19.909	VV	4009	123331	3.35%	0.169%
490	19.918	19.909	19.935	VV	2733	41919	1.14%	0.058%
491	19.969	19.935	19.994	VV	2990	96897	2.63%	0.133%
492	20.011	19.994	20.037	VV	3215	77943	2.12%	0.107%
493	20.044	20.037	20.069	VV	3059	56951	1.55%	0.078%
494	20.093	20.069	20.121	VV	4831	122552	3.33%	0.168%
495	20.164	20.121	20.187	VV	3254	124646	3.38%	0.171%
496	20.206	20.187	20.215	VV	3400	54751	1.49%	0.075%
497	20.279	20.215	20.307	VV	4207	202327	5.49%	0.278%
498	20.315	20.307	20.333	VV	3827	58472	1.59%	0.080%
499	20.368	20.333	20.375	VV	3770	92800	2.52%	0.127%
500	20.436	20.375	20.489	VV	130650	2138774	58.05%	2.935%
501	20.498	20.489	20.509	VV	4210	47839	1.30%	0.066%
502	20.545	20.509	20.565	VV	4215	139468	3.79%	0.191%
503	20.582	20.565	20.593	VV	4256	70038	1.90%	0.096%
504	20.669	20.593	20.719	VV	4652	329910	8.95%	0.453%
505	20.746	20.719	20.775	VV	4887	155463	4.22%	0.213%
506	20.802	20.775	20.887	VV	5369	304570	8.27%	0.418%
507	20.897	20.887	20.929	VV	4321	106595	2.89%	0.146%
508	20.955	20.929	20.980	VV	4400	128671	3.49%	0.177%
509	20.995	20.980	21.011	VV	4309	79455	2.16%	0.109%

Instrument :
FID_D
LabSampleId :
20 PPM ALIPHATIC HC STD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

					rters	
510	21.018	21.011	21.025	VV	4278	35243
511	21.032	21.025	21.080	VV	4291	135810
512	21.094	21.080	21.117	VV	4338	91154
513	21.218	21.117	21.280	VBA	95057	2196031
Sum of corrected areas:					728	

Instrument :
FID_D
LabSampleId :
20 PPM ALIPHATIC HC STD
0.96% 0.048%

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Aliphatic EPH 101024.M Mon Oct 14 08:24:58 2024