

rtres

Instrument :

FID_D

LabSampleId :

20 PPM ALIPHATIC HC STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10142
Data File : FD048488.D
Signal(s) : FID2B.ch
Acq On : 14 Oct 2024 09:11
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	3.125	3.091	3.199	BV	417672	3421051	86.38%	4.283%
2	3.209	3.199	3.213	VV	575	3783	0.10%	0.005%
3	3.217	3.213	3.223	VV	474	2407	0.06%	0.003%
4	3.228	3.223	3.232	VV	482	2239	0.06%	0.003%
5	3.244	3.232	3.257	VV	622	6702	0.17%	0.008%
6	3.261	3.257	3.278	VV	409	3944	0.10%	0.005%
7	3.295	3.278	3.324	VV	415	8365	0.21%	0.010%
8	3.328	3.324	3.356	VV	350	4808	0.12%	0.006%
9	3.361	3.356	3.373	VV	314	2393	0.06%	0.003%
10	3.383	3.373	3.401	VV	373	4211	0.11%	0.005%
11	3.408	3.401	3.431	VV	406	5943	0.15%	0.007%
12	3.437	3.431	3.459	VV	417	4600	0.12%	0.006%
13	3.464	3.459	3.476	VV	271	2119	0.05%	0.003%
14	3.482	3.476	3.490	VV	256	1461	0.04%	0.002%
15	3.492	3.490	3.506	VV	290	1372	0.03%	0.002%
16	3.515	3.506	3.527	VV	248	1818	0.05%	0.002%
17	3.531	3.527	3.539	VV	211	1353	0.03%	0.002%
18	3.548	3.539	3.559	VV	229	1556	0.04%	0.002%
19	3.570	3.559	3.578	VV	260	2019	0.05%	0.003%
20	3.592	3.578	3.619	VV	346	4045	0.10%	0.005%
21	3.624	3.619	3.636	PV	179	949	0.02%	0.001%
22	3.639	3.636	3.653	VV	302	1374	0.03%	0.002%
23	3.658	3.653	3.677	VV	199	1703	0.04%	0.002%
24	3.692	3.677	3.711	VV	296	2963	0.07%	0.004%
25	3.731	3.711	3.735	VV	341	3557	0.09%	0.004%
26	3.739	3.735	3.743	VV	217	1005	0.03%	0.001%
27	3.749	3.743	3.769	VV	306	3687	0.09%	0.005%
28	3.774	3.769	3.780	VV	354	1436	0.04%	0.002%
29	3.783	3.780	3.795	VV	252	1378	0.03%	0.002%
30	3.807	3.795	3.811	VV	315	2255	0.06%	0.003%
31	3.817	3.811	3.831	VV	521	4406	0.11%	0.006%
32	3.834	3.831	3.849	VV	403	2762	0.07%	0.003%
33	3.856	3.849	3.870	VV	292	1952	0.05%	0.002%
34	3.875	3.870	3.900	VV	120	2149	0.05%	0.003%
35	3.907	3.900	3.912	PV	257	1224	0.03%	0.002%
36	3.920	3.912	3.929	VV	415	2179	0.06%	0.003%

					retention				
37	3.939	3.929	3.946	VV	372	2639	0.07%	0.003%	
38	3.969	3.946	3.977	VV	468	6356			
39	3.981	3.977	3.992	VV	468	2772			
40	3.998	3.992	4.015	VV	433	3146			
41	4.024	4.015	4.028	PV	385	1565			
42	4.033	4.028	4.037	VV	225	994			
43	4.042	4.037	4.047	VV	340	1190	0.03%	0.001%	
44	4.051	4.047	4.071	VV	217	1806	0.05%	0.002%	
45	4.074	4.071	4.088	VV	315	2012	0.05%	0.003%	
46	4.095	4.088	4.106	VV	268	2036	0.05%	0.003%	
47	4.119	4.106	4.146	VV	491	6226	0.16%	0.008%	
48	4.170	4.146	4.264	VV	397494	3540225	89.39%	4.433%	
49	4.276	4.264	4.303	VV	916	14230	0.36%	0.018%	
50	4.313	4.303	4.319	VV	557	4722	0.12%	0.006%	
51	4.329	4.319	4.334	VV	535	4646	0.12%	0.006%	
52	4.344	4.334	4.365	VV	635	8701	0.22%	0.011%	
53	4.380	4.365	4.386	VV	613	5958	0.15%	0.007%	
54	4.390	4.386	4.404	VV	514	4579	0.12%	0.006%	
55	4.408	4.404	4.416	VV	386	2628	0.07%	0.003%	
56	4.431	4.416	4.444	VV	534	7142	0.18%	0.009%	
57	4.449	4.444	4.470	VV	483	5638	0.14%	0.007%	
58	4.478	4.470	4.496	VV	452	4683	0.12%	0.006%	
59	4.501	4.496	4.511	VV	390	2370	0.06%	0.003%	
60	4.522	4.511	4.535	VV	385	3492	0.09%	0.004%	
61	4.546	4.535	4.570	VV	343	4881	0.12%	0.006%	
62	4.585	4.570	4.597	VV	263	3599	0.09%	0.005%	
63	4.602	4.597	4.607	VV	270	1311	0.03%	0.002%	
64	4.629	4.607	4.644	VV	473	6638	0.17%	0.008%	
65	4.649	4.644	4.658	VV	273	1932	0.05%	0.002%	
66	4.662	4.658	4.677	VV	311	2681	0.07%	0.003%	
67	4.685	4.677	4.710	VV	378	5689	0.14%	0.007%	
68	4.715	4.710	4.726	VV	295	1934	0.05%	0.002%	
69	4.744	4.726	4.769	VV	421	7240	0.18%	0.009%	
70	4.774	4.769	4.788	VV	350	2710	0.07%	0.003%	
71	4.792	4.788	4.797	VV	185	892	0.02%	0.001%	
72	4.801	4.797	4.807	VV	215	914	0.02%	0.001%	
73	4.811	4.807	4.821	VV	211	1150	0.03%	0.001%	
74	4.844	4.821	4.851	VV	425	4718	0.12%	0.006%	
75	4.854	4.851	4.877	VV	338	3061	0.08%	0.004%	
76	4.905	4.877	4.961	VV	238	9289	0.23%	0.012%	
77	4.966	4.961	4.976	VV	331	1705	0.04%	0.002%	
78	4.982	4.976	4.995	VV	278	1786	0.05%	0.002%	
79	5.001	4.995	5.013	VV	209	1733	0.04%	0.002%	
80	5.022	5.013	5.029	VV	415	2582	0.07%	0.003%	
81	5.034	5.029	5.058	VV	419	3691	0.09%	0.005%	
82	5.067	5.058	5.088	VV	337	3698	0.09%	0.005%	
83	5.109	5.088	5.118	VV	307	3308	0.08%	0.004%	
84	5.122	5.118	5.137	VV	208	1743	0.04%	0.002%	
85	5.149	5.137	5.155	VV	279	2094	0.05%	0.003%	
86	5.159	5.155	5.172	VV	326	2088	0.05%	0.003%	
87	5.183	5.172	5.196	VV	339	2899	0.07%	0.004%	
88	5.212	5.196	5.223	VV	263	3103	0.08%	0.004%	
89	5.238	5.223	5.246	VV	233	2384	0.06%	0.003%	

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90	5.250	5.246	5.270	VV	309	2208	0.06%	0.003%
91	5.275	5.270	5.281	PV	220	797		
92	5.284	5.281	5.308	VV	238	2706		
93	5.313	5.308	5.325	VV	199	1568		
94	5.336	5.325	5.341	PV	272	1281		
95	5.349	5.341	5.364	VV	327	2887		
96	5.377	5.364	5.390	VV	358	3341	0.08%	0.004%
97	5.406	5.390	5.415	VV	325	3541	0.09%	0.004%
98	5.431	5.415	5.437	VV	242	2286	0.06%	0.003%
99	5.444	5.437	5.454	VV	226	1842	0.05%	0.002%
100	5.460	5.454	5.467	VV	328	1117	0.03%	0.001%
101	5.476	5.467	5.487	PV	278	1760	0.04%	0.002%
102	5.496	5.487	5.504	VV	225	1191	0.03%	0.001%
103	5.523	5.504	5.530	VV	326	2680	0.07%	0.003%
104	5.533	5.530	5.537	VV	339	803	0.02%	0.001%
105	5.551	5.537	5.569	VV	339	3845	0.10%	0.005%
106	5.578	5.569	5.589	VV	391	2733	0.07%	0.003%
107	5.596	5.589	5.616	VV	291	3427	0.09%	0.004%
108	5.624	5.616	5.647	VV	277	1812	0.05%	0.002%
109	5.658	5.647	5.664	VV	311	1970	0.05%	0.002%
110	5.670	5.664	5.680	VV	260	2179	0.06%	0.003%
111	5.717	5.680	5.842	VV	391833	3859059	97.44%	4.832%
112	5.845	5.842	5.871	VV	1421	17924	0.45%	0.022%
113	5.874	5.871	5.895	VV	971	12147	0.31%	0.015%
114	5.897	5.895	5.908	VV	810	5771	0.15%	0.007%
115	5.922	5.908	5.991	VV	763	27004	0.68%	0.034%
116	6.001	5.991	6.013	VV	442	4627	0.12%	0.006%
117	6.024	6.013	6.042	VV	449	5950	0.15%	0.007%
118	6.056	6.042	6.076	VV	471	7182	0.18%	0.009%
119	6.082	6.076	6.108	VV	485	5321	0.13%	0.007%
120	6.127	6.108	6.133	VV	337	3823	0.10%	0.005%
121	6.164	6.133	6.260	VV	371063	3586539	90.55%	4.491%
122	6.266	6.260	6.305	VV	396	6731	0.17%	0.008%
123	6.316	6.305	6.331	VV	353	3832	0.10%	0.005%
124	6.342	6.331	6.351	VV	239	2397	0.06%	0.003%
125	6.359	6.351	6.369	VV	316	2571	0.06%	0.003%
126	6.380	6.369	6.403	VV	343	4717	0.12%	0.006%
127	6.414	6.403	6.423	VV	390	3253	0.08%	0.004%
128	6.431	6.423	6.472	VV	384	7779	0.20%	0.010%
129	6.482	6.472	6.500	VV	303	4287	0.11%	0.005%
130	6.503	6.500	6.538	VV	364	5779	0.15%	0.007%
131	6.568	6.538	6.581	VV	360	4874	0.12%	0.006%
132	6.590	6.581	6.603	VV	368	3745	0.09%	0.005%
133	6.605	6.603	6.626	VV	309	2680	0.07%	0.003%
134	6.632	6.626	6.649	VV	275	2581	0.07%	0.003%
135	6.653	6.649	6.663	VV	225	1143	0.03%	0.001%
136	6.681	6.663	6.735	VV	5981	74234	1.87%	0.093%
137	6.764	6.735	6.903	VV	336461	3714514	93.79%	4.651%
138	6.912	6.903	6.967	VV	1254	35172	0.89%	0.044%
139	6.977	6.967	6.982	VV	903	7444	0.19%	0.009%
140	7.009	6.982	7.044	VV	1436	39233	0.99%	0.049%
141	7.057	7.044	7.072	VV	1013	13987	0.35%	0.018%

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0.06% 0.003%

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					retention			
142	7.076	7.072	7.081	VV	747	4170	0.11%	0.005%
143	7.089	7.081	7.115	VV	1013	16009		
144	7.120	7.115	7.142	VV	713	9610		
145	7.158	7.142	7.202	VV	662	16746		
146	7.218	7.202	7.225	VV	355	4062		
147	7.230	7.225	7.238	VV	460	2251		
148	7.250	7.238	7.275	VV	494	7567	0.19%	0.009%
149	7.282	7.275	7.303	VV	368	5317	0.13%	0.007%
150	7.309	7.303	7.331	VV	383	4706	0.12%	0.006%
151	7.337	7.331	7.351	VV	395	3820	0.10%	0.005%
152	7.355	7.351	7.378	VV	349	5110	0.13%	0.006%
153	7.383	7.378	7.398	VV	361	3348	0.08%	0.004%
154	7.405	7.398	7.420	VV	367	3136	0.08%	0.004%
155	7.425	7.420	7.431	VV	344	1706	0.04%	0.002%
156	7.437	7.431	7.450	VV	305	2995	0.08%	0.004%
157	7.452	7.450	7.456	VV	339	968	0.02%	0.001%
158	7.494	7.456	7.526	VV	530	16211	0.41%	0.020%
159	7.533	7.526	7.548	VV	347	4251	0.11%	0.005%
160	7.550	7.548	7.567	VV	362	3413	0.09%	0.004%
161	7.577	7.567	7.585	VV	405	3535	0.09%	0.004%
162	7.590	7.585	7.606	VV	381	4508	0.11%	0.006%
163	7.614	7.606	7.627	VV	388	3681	0.09%	0.005%
164	7.648	7.627	7.675	VV	912	13299	0.34%	0.017%
165	7.704	7.675	7.735	VV	916	16334	0.41%	0.020%
166	7.738	7.735	7.755	VV	271	2321	0.06%	0.003%
167	7.768	7.755	7.781	VV	279	2803	0.07%	0.004%
168	7.795	7.781	7.809	VV	408	4445	0.11%	0.006%
169	7.813	7.809	7.826	VV	320	2256	0.06%	0.003%
170	7.849	7.826	7.890	VV	583	9386	0.24%	0.012%
171	7.945	7.890	8.013	VV	343522	3540710	89.40%	4.433%
172	8.022	8.013	8.040	VV	663	8521	0.22%	0.011%
173	8.046	8.040	8.072	VV	599	9047	0.23%	0.011%
174	8.095	8.072	8.159	VV	761	21408	0.54%	0.027%
175	8.162	8.159	8.168	VV	212	866	0.02%	0.001%
176	8.179	8.168	8.208	VV	364	5303	0.13%	0.007%
177	8.243	8.208	8.276	VV	364	9442	0.24%	0.012%
178	8.307	8.276	8.323	VV	448	8541	0.22%	0.011%
179	8.335	8.323	8.368	VV	408	5730	0.14%	0.007%
180	8.389	8.368	8.422	PV	267	5713	0.14%	0.007%
181	8.436	8.422	8.457	VV	342	4966	0.13%	0.006%
182	8.466	8.457	8.483	VV	367	3966	0.10%	0.005%
183	8.496	8.483	8.525	VV	307	5110	0.13%	0.006%
184	8.533	8.525	8.571	VV	304	5743	0.14%	0.007%
185	8.586	8.571	8.607	VV	281	3523	0.09%	0.004%
186	8.630	8.607	8.647	VV	492	6096	0.15%	0.008%
187	8.669	8.647	8.701	VV	866	15335	0.39%	0.019%
188	8.703	8.701	8.725	VV	333	3209	0.08%	0.004%
189	8.749	8.725	8.761	VV	488	6401	0.16%	0.008%
190	8.772	8.761	8.778	VV	459	3633	0.09%	0.005%
191	8.783	8.778	8.806	VV	452	6365	0.16%	0.008%
192	8.810	8.806	8.862	VV	463	8117	0.20%	0.010%
193	8.884	8.862	8.917	PV	347	6001	0.15%	0.008%
194	8.928	8.917	8.935	VV	305	2387	0.06%	0.003%

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195	8.939	8.935	8.956	VV	364	3702	0.09%	0.005%
196	8.960	8.956	8.984	VV	392	4197		
197	8.991	8.984	8.997	VV	295	1705		
198	9.003	8.997	9.023	VV	365	4579		
199	9.026	9.023	9.053	VV	373	4048		
200	9.058	9.053	9.070	VV	369	2639		
201	9.091	9.070	9.125	VV	399	8592	0.22%	0.011%
202	9.131	9.125	9.137	VV	379	2144	0.05%	0.003%
203	9.143	9.137	9.149	VV	374	2097	0.05%	0.003%
204	9.155	9.149	9.163	VV	403	2882	0.07%	0.004%
205	9.181	9.163	9.212	VV	448	7762	0.20%	0.010%
206	9.227	9.212	9.238	VV	272	2803	0.07%	0.004%
207	9.242	9.238	9.255	VV	236	2004	0.05%	0.003%
208	9.275	9.255	9.287	VV	565	6802	0.17%	0.009%
209	9.320	9.287	9.355	VV	1797	29280	0.74%	0.037%
210	9.365	9.355	9.373	VV	323	2652	0.07%	0.003%
211	9.379	9.373	9.394	VV	341	2916	0.07%	0.004%
212	9.420	9.394	9.455	VV	403	10199	0.26%	0.013%
213	9.471	9.455	9.493	VV	521	5938	0.15%	0.007%
214	9.535	9.493	9.592	VV	340555	3611121	91.18%	4.521%
215	9.596	9.592	9.605	VV	570	3803	0.10%	0.005%
216	9.608	9.605	9.617	VV	444	2221	0.06%	0.003%
217	9.629	9.617	9.637	VV	416	4118	0.10%	0.005%
218	9.641	9.637	9.645	VV	398	1680	0.04%	0.002%
219	9.647	9.645	9.669	VV	440	4825	0.12%	0.006%
220	9.674	9.669	9.682	VV	354	2368	0.06%	0.003%
221	9.702	9.682	9.710	VV	519	6496	0.16%	0.008%
222	9.711	9.710	9.717	VV	483	1487	0.04%	0.002%
223	9.720	9.717	9.727	VV	381	2176	0.05%	0.003%
224	9.734	9.727	9.749	VV	370	4393	0.11%	0.005%
225	9.765	9.749	9.769	VV	462	3557	0.09%	0.004%
226	9.779	9.769	9.808	VV	493	7913	0.20%	0.010%
227	9.817	9.808	9.829	VV	402	3930	0.10%	0.005%
228	9.853	9.829	9.895	VV	439	10743	0.27%	0.013%
229	9.899	9.895	9.905	VV	334	1608	0.04%	0.002%
230	9.910	9.905	9.917	VV	333	1807	0.05%	0.002%
231	9.930	9.917	9.963	VV	404	6228	0.16%	0.008%
232	9.967	9.963	9.987	VV	275	2472	0.06%	0.003%
233	9.990	9.987	9.997	VV	245	1037	0.03%	0.001%
234	10.022	9.997	10.027	VV	306	3963	0.10%	0.005%
235	10.031	10.027	10.036	VV	273	1095	0.03%	0.001%
236	10.041	10.036	10.063	VV	278	2741	0.07%	0.003%
237	10.088	10.063	10.103	VV	351	5601	0.14%	0.007%
238	10.109	10.103	10.123	VV	450	4425	0.11%	0.006%
239	10.127	10.123	10.177	VV	450	6678	0.17%	0.008%
240	10.185	10.177	10.198	VV	203	1926	0.05%	0.002%
241	10.210	10.198	10.225	VV	422	4126	0.10%	0.005%
242	10.263	10.225	10.280	VV	502	11660	0.29%	0.015%
243	10.286	10.280	10.318	VV	434	6420	0.16%	0.008%
244	10.324	10.318	10.328	VV	250	1192	0.03%	0.001%
245	10.342	10.328	10.354	VV	315	3225	0.08%	0.004%
246	10.365	10.354	10.369	VV	334	2149	0.05%	0.003%

Instrument :

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0.09% 0.005%

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					retention			
247	10.375	10.369	10.383	VV	373	2138	0.05%	0.003%
248	10.397	10.383	10.419	VV	393	6004	0.05%	0.003%
249	10.429	10.419	10.436	VV	312	2236	0.05%	0.003%
250	10.441	10.436	10.447	VV	262	1423	0.05%	0.003%
251	10.462	10.447	10.484	VV	357	5731	0.05%	0.003%
252	10.493	10.484	10.507	VV	398	3919	0.05%	0.003%
253	10.525	10.507	10.535	VV	353	5004	0.13%	0.006%
254	10.547	10.535	10.551	VV	261	2229	0.06%	0.003%
255	10.566	10.551	10.580	VV	430	5946	0.15%	0.007%
256	10.588	10.580	10.595	VV	469	2605	0.07%	0.003%
257	10.600	10.595	10.610	VV	410	2345	0.06%	0.003%
258	10.617	10.610	10.622	VV	369	2025	0.05%	0.003%
259	10.626	10.622	10.643	VV	430	3035	0.08%	0.004%
260	10.658	10.643	10.671	VV	522	5615	0.14%	0.007%
261	10.678	10.671	10.699	VV	304	3494	0.09%	0.004%
262	10.724	10.699	10.745	VV	431	6874	0.17%	0.009%
263	10.756	10.745	10.766	VV	237	2255	0.06%	0.003%
264	10.776	10.766	10.788	VV	362	2617	0.07%	0.003%
265	10.806	10.788	10.816	VV	279	2634	0.07%	0.003%
266	10.835	10.816	10.844	VV	349	3634	0.09%	0.005%
267	10.869	10.844	10.875	VV	355	3886	0.10%	0.005%
268	10.900	10.875	10.933	VV	1492	23260	0.59%	0.029%
269	10.968	10.933	11.025	VV	323092	3625280	91.53%	4.539%
270	11.033	11.025	11.038	VV	539	3968	0.10%	0.005%
271	11.070	11.038	11.085	VV	723	14882	0.38%	0.019%
272	11.095	11.085	11.102	VV	517	4092	0.10%	0.005%
273	11.131	11.102	11.138	VV	411	7745	0.20%	0.010%
274	11.147	11.138	11.160	VV	461	3967	0.10%	0.005%
275	11.174	11.160	11.190	VV	422	6337	0.16%	0.008%
276	11.200	11.190	11.233	VV	462	7142	0.18%	0.009%
277	11.264	11.233	11.330	VV	369408	3960628	100.00%	4.959%
278	11.335	11.330	11.339	VV	713	3323	0.08%	0.004%
279	11.352	11.339	11.362	VV	692	7504	0.19%	0.009%
280	11.369	11.362	11.417	VV	487	13270	0.34%	0.017%
281	11.436	11.417	11.465	VV	501	12039	0.30%	0.015%
282	11.472	11.465	11.477	VV	460	2553	0.06%	0.003%
283	11.491	11.477	11.527	VV	444	9760	0.25%	0.012%
284	11.532	11.527	11.535	VV	322	1395	0.04%	0.002%
285	11.545	11.535	11.573	VV	366	5221	0.13%	0.007%
286	11.584	11.573	11.605	VV	315	4176	0.11%	0.005%
287	11.613	11.605	11.622	VV	446	2534	0.06%	0.003%
288	11.638	11.622	11.647	VV	432	5010	0.13%	0.006%
289	11.652	11.647	11.680	VV	394	4808	0.12%	0.006%
290	11.687	11.680	11.693	VV	294	1819	0.05%	0.002%
291	11.699	11.693	11.702	VV	405	1714	0.04%	0.002%
292	11.705	11.702	11.709	VV	393	1189	0.03%	0.001%
293	11.713	11.709	11.730	VV	350	3215	0.08%	0.004%
294	11.734	11.730	11.737	VV	273	869	0.02%	0.001%
295	11.740	11.737	11.745	VV	264	1048	0.03%	0.001%
296	11.760	11.745	11.766	VV	357	2953	0.07%	0.004%
297	11.776	11.766	11.788	VV	337	3448	0.09%	0.004%
298	11.818	11.788	11.823	VV	276	3841	0.10%	0.005%
299	11.831	11.823	11.838	VV	283	1774	0.04%	0.002%

Instrument :
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20 PPM ALIPHATIC HC STD

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300	11.850	11.838	11.887	VV	351	6985	0.18%	0.009%
301	11.895	11.887	11.913	VV	379	4288		
302	11.917	11.913	11.930	VV	462	3296		
303	11.933	11.930	11.949	VV	368	3052		
304	11.955	11.949	11.961	VV	235	1215		
305	11.969	11.961	11.984	VV	280	2459		
306	11.988	11.984	11.993	VV	226	881	0.02%	0.001%
307	11.997	11.993	12.005	VV	249	1186	0.03%	0.001%
308	12.019	12.005	12.030	PV	294	2963	0.07%	0.004%
309	12.042	12.030	12.068	VV	430	7708	0.19%	0.010%
310	12.085	12.068	12.124	VV	664	12967	0.33%	0.016%
311	12.135	12.124	12.160	VV	456	6632	0.17%	0.008%
312	12.163	12.160	12.172	VV	403	1877	0.05%	0.002%
313	12.175	12.172	12.193	VV	263	2202	0.06%	0.003%
314	12.223	12.193	12.228	VV	358	4970	0.13%	0.006%
315	12.269	12.228	12.310	VV	304901	3467594	87.55%	4.342%
316	12.315	12.310	12.333	VV	574	7111	0.18%	0.009%
317	12.341	12.333	12.370	VV	559	8966	0.23%	0.011%
318	12.395	12.370	12.414	VV	539	10339	0.26%	0.013%
319	12.433	12.414	12.445	VV	458	5773	0.15%	0.007%
320	12.450	12.445	12.463	VV	319	2348	0.06%	0.003%
321	12.470	12.463	12.475	VV	254	1303	0.03%	0.002%
322	12.485	12.475	12.492	VV	340	2693	0.07%	0.003%
323	12.499	12.492	12.508	VV	379	2707	0.07%	0.003%
324	12.515	12.508	12.535	VV	297	2918	0.07%	0.004%
325	12.545	12.535	12.555	VV	280	2720	0.07%	0.003%
326	12.572	12.555	12.578	VV	287	3006	0.08%	0.004%
327	12.580	12.578	12.590	VV	318	1584	0.04%	0.002%
328	12.602	12.590	12.630	VV	356	6335	0.16%	0.008%
329	12.647	12.630	12.666	VV	466	5612	0.14%	0.007%
330	12.706	12.666	12.746	VV	257072	2945912	74.38%	3.689%
331	12.750	12.746	12.769	VV	969	10443	0.26%	0.013%
332	12.774	12.769	12.802	VV	674	9593	0.24%	0.012%
333	12.823	12.802	12.843	VV	514	8691	0.22%	0.011%
334	12.877	12.843	12.913	VV	290944	3396875	85.77%	4.253%
335	12.918	12.913	12.932	VV	488	4644	0.12%	0.006%
336	12.938	12.932	12.963	VV	493	7193	0.18%	0.009%
337	12.970	12.963	12.989	VV	565	6112	0.15%	0.008%
338	12.994	12.989	13.004	VV	440	3438	0.09%	0.004%
339	13.009	13.004	13.038	VV	400	6201	0.16%	0.008%
340	13.057	13.038	13.088	VV	1100	18300	0.46%	0.023%
341	13.117	13.088	13.133	VV	425	7240	0.18%	0.009%
342	13.139	13.133	13.157	VV	390	3166	0.08%	0.004%
343	13.174	13.157	13.196	PV	464	4608	0.12%	0.006%
344	13.213	13.196	13.230	VV	283	3903	0.10%	0.005%
345	13.243	13.230	13.251	VV	352	2983	0.08%	0.004%
346	13.285	13.251	13.323	VV	1906	38912	0.98%	0.049%
347	13.335	13.323	13.340	VV	443	3884	0.10%	0.005%
348	13.345	13.340	13.367	VV	503	5133	0.13%	0.006%
349	13.378	13.367	13.390	VV	392	3612	0.09%	0.005%
350	13.460	13.390	13.494	VV	286317	3372823	85.16%	4.223%
351	13.499	13.494	13.533	VV	533	9848	0.25%	0.012%

Instrument :

FID_D

LabSampleId :

20 PPM ALIPHATIC HC STD

0.18% 0.009%

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						Instrument : FID_D LabSampleId : 20 PPM ALIPHATIC HC STD		
					rt	Area	Area%	Height%
352	13.536	13.533	13.566	VV	445	6634	0.17%	0.008%
353	13.572	13.566	13.579	VV	449	2902		
354	13.583	13.579	13.613	VV	404	6524		
355	13.617	13.613	13.638	VV	382	3818		
356	13.659	13.638	13.675	VV	348	4509		
357	13.682	13.675	13.697	VV	384	3886		
358	13.700	13.697	13.705	VV	350	1521	0.04%	0.002%
359	13.714	13.705	13.731	VV	495	4908	0.12%	0.006%
360	13.741	13.731	13.748	VV	306	2248	0.06%	0.003%
361	13.751	13.748	13.757	VV	308	1028	0.03%	0.001%
362	13.778	13.757	13.797	VV	373	6192	0.16%	0.008%
363	13.805	13.797	13.813	VV	277	2386	0.06%	0.003%
364	13.822	13.813	13.855	VV	395	6439	0.16%	0.008%
365	13.900	13.855	13.945	VV	806	20233	0.51%	0.025%
366	13.956	13.945	13.992	VV	330	5999	0.15%	0.008%
367	14.024	13.992	14.076	VV	708	14577	0.37%	0.018%
368	14.095	14.076	14.108	PV	154	1711	0.04%	0.002%
369	14.119	14.108	14.128	VV	293	1807	0.05%	0.002%
370	14.188	14.128	14.248	VV	848	22863	0.58%	0.029%
371	14.296	14.248	14.370	VV	363	13979	0.35%	0.018%
372	14.399	14.370	14.443	VV	1275	23131	0.58%	0.029%
373	14.557	14.443	14.648	VV	264464	3328047	84.03%	4.167%
374	14.656	14.648	14.677	VV	315	4845	0.12%	0.006%
375	14.683	14.677	14.703	VV	428	3594	0.09%	0.004%
376	14.714	14.703	14.730	VV	275	3503	0.09%	0.004%
377	14.773	14.730	14.802	VV	367	10453	0.26%	0.013%
378	14.809	14.802	14.831	VV	266	2453	0.06%	0.003%
379	14.861	14.831	14.926	VV	405	11277	0.28%	0.014%
380	14.950	14.926	14.962	VV	377	4029	0.10%	0.005%
381	14.983	14.962	15.000	VV	380	5358	0.14%	0.007%
382	15.021	15.000	15.044	VV	330	5192	0.13%	0.007%
383	15.076	15.044	15.103	VV	1276	18678	0.47%	0.023%
384	15.114	15.103	15.123	VV	221	2281	0.06%	0.003%
385	15.130	15.123	15.156	VV	257	3340	0.08%	0.004%
386	15.166	15.156	15.199	PV	167	2809	0.07%	0.004%
387	15.213	15.199	15.223	VV	168	1655	0.04%	0.002%
388	15.272	15.223	15.283	VV	354	7530	0.19%	0.009%
389	15.302	15.283	15.340	VV	344	7042	0.18%	0.009%
390	15.367	15.340	15.420	VV	372	10728	0.27%	0.013%
391	15.441	15.420	15.472	VV	433	8816	0.22%	0.011%
392	15.480	15.472	15.502	VV	280	3544	0.09%	0.004%
393	15.514	15.502	15.522	VV	219	2447	0.06%	0.003%
394	15.572	15.522	15.618	VV	249117	3192187	80.60%	3.997%
395	15.623	15.618	15.635	VV	418	3614	0.09%	0.005%
396	15.666	15.635	15.680	VV	514	9182	0.23%	0.011%
397	15.687	15.680	15.708	VV	380	4475	0.11%	0.006%
398	15.720	15.708	15.741	VV	521	6530	0.16%	0.008%
399	15.767	15.741	15.778	VV	478	7730	0.20%	0.010%
400	15.785	15.778	15.853	VV	427	12069	0.30%	0.015%
401	15.873	15.853	15.881	VV	270	3167	0.08%	0.004%
402	15.891	15.881	15.920	VV	204	3443	0.09%	0.004%
403	15.929	15.920	15.939	PV	345	2036	0.05%	0.003%
404	15.949	15.939	15.966	VV	408	3322	0.08%	0.004%

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405	16.053	15.966	16.092	VV	2310	49197		
406	16.139	16.092	16.203	VV	446	18600		
407	16.213	16.203	16.240	VV	257	4410		
408	16.259	16.240	16.293	PV	349	7593		
409	16.302	16.293	16.333	VV	357	5491		
410	16.356	16.333	16.370	VV	323	5889		
411	16.403	16.370	16.413	VV	487	10343	0.26%	0.013%
412	16.422	16.413	16.448	VV	552	8935	0.23%	0.011%
413	16.516	16.448	16.582	VV	241110	3103165	78.35%	3.885%
414	16.613	16.582	16.633	VV	609	11305	0.29%	0.014%
415	16.655	16.633	16.670	VV	426	6131	0.15%	0.008%
416	16.684	16.670	16.700	VV	308	4314	0.11%	0.005%
417	16.709	16.700	16.722	VV	230	2379	0.06%	0.003%
418	16.747	16.722	16.787	VV	402	10121	0.26%	0.013%
419	16.795	16.787	16.855	VV	511	15624	0.39%	0.020%
420	16.863	16.855	16.878	VV	397	4766	0.12%	0.006%
421	16.885	16.878	16.898	VV	379	3950	0.10%	0.005%
422	16.920	16.898	16.928	VV	371	5704	0.14%	0.007%
423	16.964	16.928	17.004	PV	5437	80982	2.04%	0.101%
424	17.015	17.004	17.038	VV	508	7054	0.18%	0.009%
425	17.049	17.038	17.063	VV	369	4489	0.11%	0.006%
426	17.087	17.063	17.108	VV	566	11129	0.28%	0.014%
427	17.117	17.108	17.132	VV	355	3936	0.10%	0.005%
428	17.162	17.132	17.171	VV	387	6375	0.16%	0.008%
429	17.190	17.171	17.206	VV	376	5298	0.13%	0.007%
430	17.253	17.206	17.261	VV	542	10852	0.27%	0.014%
431	17.289	17.261	17.339	VV	2638	50233	1.27%	0.063%
432	17.399	17.339	17.458	VV	234446	3106115	78.42%	3.889%
433	17.477	17.458	17.530	VV	835	23975	0.61%	0.030%
434	17.559	17.530	17.572	VV	590	11105	0.28%	0.014%
435	17.584	17.572	17.607	VV	491	8982	0.23%	0.011%
436	17.690	17.607	17.743	VV	1058	48968	1.24%	0.061%
437	17.758	17.743	17.785	VV	567	11199	0.28%	0.014%
438	17.818	17.785	17.851	VV	8326	123881	3.13%	0.155%
439	17.890	17.851	17.903	VV	634	14953	0.38%	0.019%
440	17.937	17.903	17.962	VV	651	20175	0.51%	0.025%
441	17.982	17.962	17.998	VV	802	12596	0.32%	0.016%
442	18.008	17.998	18.015	VV	617	5043	0.13%	0.006%
443	18.026	18.015	18.045	VV	651	10586	0.27%	0.013%
444	18.080	18.045	18.121	VV	1048	37952	0.96%	0.048%
445	18.126	18.121	18.167	VV	972	19646	0.50%	0.025%
446	18.227	18.167	18.303	VV	217192	2989133	75.47%	3.743%
447	18.320	18.303	18.347	VV	1002	22242	0.56%	0.028%
448	18.398	18.347	18.414	VV	1211	37835	0.96%	0.047%
449	18.423	18.414	18.433	VV	1080	11513	0.29%	0.014%
450	18.440	18.433	18.446	VV	937	7366	0.19%	0.009%
451	18.483	18.446	18.503	VV	1500	38680	0.98%	0.048%
452	18.513	18.503	18.518	VV	1137	10043	0.25%	0.013%
453	18.530	18.518	18.570	VV	1293	34746	0.88%	0.044%
454	18.577	18.570	18.587	VV	1001	9210	0.23%	0.012%
455	18.621	18.587	18.670	VV	8827	158713	4.01%	0.199%
456	18.689	18.670	18.703	VV	1219	23651	0.60%	0.030%

Instrument :

FID_D

LabSampleId :

20 PPM ALIPHATIC HC STD

1.24% 0.062%

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					rt	Area	Area%	Area%
457	18.722	18.703	18.732	VV	1289	19794	0.50%	0.025%
458	18.809	18.732	18.840	VV	2331	104242		
459	18.870	18.840	18.893	VV	2424	67617		
460	18.914	18.893	18.935	VV	2125	49059		
461	19.007	18.935	19.152	VV	182873	2810097	70.85%	0.042%
462	19.158	19.152	19.187	VV	2102	42478		
463	19.205	19.187	19.215	VV	2093	33661	0.85%	0.042%
464	19.245	19.215	19.268	VV	2652	71504	1.81%	0.090%
465	19.322	19.268	19.348	VV	3166	129957	3.28%	0.163%
466	19.377	19.348	19.413	VV	7225	164851	4.16%	0.206%
467	19.480	19.413	19.493	VV	2785	122045	3.08%	0.153%
468	19.512	19.493	19.526	VV	2901	54441	1.37%	0.068%
469	19.534	19.526	19.558	VV	2950	54076	1.37%	0.068%
470	19.574	19.558	19.585	VV	2944	45998	1.16%	0.058%
471	19.741	19.585	19.785	VV	154480	2705692	68.31%	3.388%
472	19.818	19.785	19.855	VV	6766	257505	6.50%	0.322%
473	19.878	19.855	19.913	VV	6373	191495	4.83%	0.240%
474	19.922	19.913	19.998	VV	4756	223777	5.65%	0.280%
475	20.020	19.998	20.028	VV	3856	67742	1.71%	0.085%
476	20.040	20.028	20.055	VV	3828	59271	1.50%	0.074%
477	20.094	20.055	20.135	VV	6592	220834	5.58%	0.277%
478	20.152	20.135	20.200	VV	4033	149034	3.76%	0.187%
479	20.207	20.200	20.213	VV	3825	29920	0.76%	0.037%
480	20.280	20.213	20.317	VV	5541	278695	7.04%	0.349%
481	20.325	20.317	20.335	VV	4624	48159	1.22%	0.060%
482	20.364	20.335	20.380	VV	4576	121911	3.08%	0.153%
483	20.439	20.380	20.493	VV	140765	2313315	58.41%	2.896%
484	20.502	20.493	20.513	VV	5264	59986	1.51%	0.075%
485	20.665	20.513	20.728	VV	6757	768437	19.40%	0.962%
486	20.753	20.728	20.783	VV	6875	216487	5.47%	0.271%
487	20.805	20.783	20.837	VV	7137	207468	5.24%	0.260%
488	20.848	20.837	20.888	VV	5972	176843	4.47%	0.221%
489	20.894	20.888	20.920	VV	5756	106123	2.68%	0.133%
490	20.930	20.920	20.972	VV	5644	171462	4.33%	0.215%
491	20.981	20.972	21.002	VV	5507	98820	2.50%	0.124%
492	21.010	21.002	21.047	VV	5576	145821	3.68%	0.183%
493	21.055	21.047	21.065	VV	5279	56134	1.42%	0.070%
494	21.118	21.065	21.155	VV	5317	279009	7.04%	0.349%
495	21.220	21.155	21.280	VBA	96632	2245214	56.69%	2.811%

Sum of corrected areas: 79866711

Aliphatic EPH 101024.M Tue Oct 15 10:35:19 2024