

rteres

Instrument :

FID_C

ClientSampleId :

SOILMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10092
Data File : FC069965.D
Signal(s) : FID1A.ch
Acq On : 08 Oct 2025 13:43
Sample : Q3301-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.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	3.231	3.205	3.249	BV	2965	-186421	-0.12%	-0.004%
2	3.278	3.249	3.311	PV	11824	145773	0.09%	0.003%
3	3.384	3.311	3.465	PV	643178	6339973	4.00%	0.130%
4	3.511	3.465	3.550	VV	36815	704344	0.44%	0.014%
5	3.586	3.550	3.611	VV	32503	626500	0.39%	0.013%
6	3.655	3.611	3.683	VV	96038	1725855	1.09%	0.035%
7	3.708	3.683	3.732	VV	47192	919498	0.58%	0.019%
8	3.758	3.732	3.801	VV	147295	2362565	1.49%	0.049%
9	3.829	3.801	3.863	VV	80780	1714442	1.08%	0.035%
10	3.882	3.863	3.948	VV	95102	1990039	1.25%	0.041%
11	3.974	3.948	4.021	VV	90869	2493546	1.57%	0.051%
12	4.084	4.021	4.105	VV	265238	5704235	3.60%	0.117%
13	4.150	4.105	4.194	VV	283533	4624085	2.92%	0.095%
14	4.225	4.194	4.248	VV	144135	2891747	1.82%	0.059%
15	4.264	4.248	4.340	VV	160503	4059002	2.56%	0.083%
16	4.370	4.340	4.390	VV	86391	1408755	0.89%	0.029%
17	4.413	4.390	4.434	VV	125434	1877429	1.18%	0.039%
18	4.462	4.434	4.484	VV	1615260	16687231	10.52%	0.343%
19	4.501	4.484	4.551	VV	446565	5693677	3.59%	0.117%
20	4.567	4.551	4.592	VV	67514	1272010	0.80%	0.026%
21	4.623	4.592	4.644	VV	131642	2736432	1.73%	0.056%
22	4.714	4.644	4.754	VV	430216	10633438	6.70%	0.218%
23	4.790	4.754	4.821	VV	241954	7133492	4.50%	0.146%
24	4.873	4.821	4.896	VV	347913	9145462	5.77%	0.188%
25	4.934	4.896	4.958	VV	374954	7309012	4.61%	0.150%
26	4.985	4.958	5.040	VV	230740	6806614	4.29%	0.140%
27	5.102	5.040	5.124	VV	525902	12383192	7.81%	0.254%
28	5.142	5.124	5.165	VV	497598	7311096	4.61%	0.150%
29	5.203	5.165	5.281	VV	552999	13667736	8.62%	0.281%
30	5.304	5.281	5.341	VV	254747	7153837	4.51%	0.147%
31	5.391	5.341	5.434	VV	368946	13920927	8.78%	0.286%
32	5.452	5.434	5.473	VV	284195	4859048	3.06%	0.100%
33	5.508	5.473	5.558	VV	2435530	38276866	24.13%	0.786%
34	5.574	5.558	5.608	VV	224390	4862278	3.07%	0.100%
35	5.637	5.608	5.668	VV	204118	6254276	3.94%	0.128%
36	5.691	5.668	5.731	VV	791889	14347006	9.05%	0.295%

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37	5.792	5.731	5.831	VV	638348	22993132	14.50%	0.472%
38	5.878	5.831	5.936	VV	492322	21129752	13.50%	0.472%
39	5.958	5.936	5.982	VV	473026	8107262	5.87%	0.517%
40	6.007	5.982	6.031	VV	540892	10352447	6.88%	0.224%
41	6.058	6.031	6.083	VV	932633	17102361	10.09%	0.426%
42	6.103	6.083	6.125	VV	747366	11826117	7.15%	0.233%
43	6.148	6.125	6.172	VV	841286	13399472	8.45%	0.275%
44	6.207	6.172	6.261	VV	751894	25177689	15.87%	0.517%
45	6.278	6.261	6.308	VV	437683	10908908	6.88%	0.224%
46	6.328	6.308	6.351	VV	600782	11347570	7.15%	0.233%
47	6.371	6.351	6.390	VV	481457	9040565	5.70%	0.186%
48	6.427	6.390	6.455	VV	735435	18585968	11.72%	0.382%
49	6.503	6.455	6.568	VV	3538116	66960098	42.22%	1.375%
50	6.644	6.568	6.668	VV	1347354	34517745	21.76%	0.709%
51	6.690	6.668	6.734	VV	708309	20765189	13.09%	0.426%
52	6.771	6.734	6.794	VV	794698	18306735	11.54%	0.376%
53	6.823	6.794	6.864	VV	734116	22701268	14.31%	0.466%
54	6.898	6.864	6.924	VV	1185436	23654573	14.91%	0.486%
55	7.009	6.924	7.034	VV	987465	39955789	25.19%	0.820%
56	7.055	7.034	7.078	VV	1149439	19051948	12.01%	0.391%
57	7.125	7.078	7.141	VV	1088303	31796738	20.05%	0.653%
58	7.156	7.141	7.178	VV	989848	15647248	9.87%	0.321%
59	7.201	7.178	7.240	VV	1341926	28229139	17.80%	0.580%
60	7.257	7.240	7.280	VV	646194	12829569	8.09%	0.263%
61	7.302	7.280	7.321	VV	745192	14140017	8.91%	0.290%
62	7.345	7.321	7.363	VV	584001	13406469	8.45%	0.275%
63	7.435	7.363	7.487	VV	3835547	100176366	63.16%	2.057%
64	7.508	7.487	7.567	VV	671985	29845059	18.82%	0.613%
65	7.599	7.567	7.670	VV	1280409	47514219	29.96%	0.976%
66	7.690	7.670	7.708	VV	569495	12217289	7.70%	0.251%
67	7.741	7.708	7.831	VV	987166	54553602	34.39%	1.120%
68	7.880	7.831	7.924	VV	1056611	47093570	29.69%	0.967%
69	7.946	7.924	7.969	VV	1162012	22688355	14.30%	0.466%
70	7.996	7.969	8.018	VV	1423809	27579895	17.39%	0.566%
71	8.047	8.018	8.081	VV	1412070	37487326	23.63%	0.770%
72	8.123	8.081	8.154	VV	1796473	42108963	26.55%	0.865%
73	8.174	8.154	8.192	VV	742571	16202227	10.21%	0.333%
74	8.215	8.192	8.234	VV	1013090	21539684	13.58%	0.442%
75	8.320	8.234	8.374	VV	4802665	142095694	89.59%	2.917%
76	8.409	8.374	8.434	VV	1123227	33632534	21.20%	0.691%
77	8.472	8.434	8.511	VV	1151343	43899640	27.68%	0.901%
78	8.532	8.511	8.565	VV	1159522	30394356	19.16%	0.624%
79	8.594	8.565	8.642	VV	926098	38153350	24.05%	0.783%
80	8.671	8.642	8.690	VV	1125609	28255446	17.81%	0.580%
81	8.715	8.690	8.779	VV	1440737	64001558	40.35%	1.314%
82	8.796	8.779	8.815	VV	1300711	24586182	15.50%	0.505%
83	8.848	8.815	8.873	VV	2894555	59535998	37.54%	1.222%
84	8.896	8.873	8.937	VV	1466222	39444162	24.87%	0.810%
85	8.987	8.937	9.033	VV	1017691	51528986	32.49%	1.058%
86	9.070	9.033	9.091	VV	1134052	33888798	21.37%	0.696%
87	9.151	9.091	9.198	VV	5366110	136929358	86.33%	2.811%
88	9.217	9.198	9.245	VV	1212197	28336258	17.87%	0.582%
89	9.269	9.245	9.318	VV	963866	38992835	24.58%	0.801%

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					rt	Area	Area%	Height
90	9.364	9.318	9.390	VV	1072060	39765527	25.07%	0.816%
91	9.420	9.390	9.442	VV	1017238	29176334	18.81%	0.798%
92	9.457	9.442	9.474	VV	947300	17005184	10.52%	0.662%
93	9.507	9.474	9.562	VV	2078838	69030837	43.81%	1.167%
94	9.589	9.562	9.612	VV	1641431	38001987	23.81%	2.709%
95	9.636	9.612	9.658	VV	1626372	33110961	20.42%	1.097%
96	9.688	9.658	9.718	VV	1489261	38887910	24.52%	0.798%
97	9.742	9.718	9.785	VV	868315	32259868	20.34%	0.662%
98	9.867	9.785	9.883	VV	1257648	56825389	35.83%	1.167%
99	9.933	9.883	9.963	VV	5570217	131960307	83.20%	2.709%
100	9.988	9.963	10.058	VV	1043710	53450570	33.70%	1.097%
101	10.085	10.058	10.148	VV	950706	45686632	28.80%	0.938%
102	10.185	10.148	10.210	VV	912660	30836227	19.44%	0.633%
103	10.306	10.210	10.333	VV	2870649	103236231	65.09%	2.120%
104	10.351	10.333	10.368	VV	1331410	23076720	14.55%	0.474%
105	10.390	10.368	10.417	VV	1503279	32642382	20.58%	0.670%
106	10.444	10.417	10.514	VV	1461994	53303858	33.61%	1.094%
107	10.574	10.514	10.606	VV	912725	45948575	28.97%	0.943%
108	10.673	10.606	10.698	VV	5069472	123669575	77.97%	2.539%
109	10.739	10.698	10.805	VV	3397078	96737369	60.99%	1.986%
110	10.853	10.805	10.881	VV	845734	36975349	23.31%	0.759%
111	10.904	10.881	10.945	VV	942763	32317037	20.37%	0.664%
112	10.981	10.945	11.012	VV	1241068	43024972	27.13%	0.883%
113	11.045	11.012	11.083	VV	1439119	48726902	30.72%	1.000%
114	11.105	11.083	11.135	VV	1299569	30175550	19.02%	0.620%
115	11.156	11.135	11.233	VV	1152609	49092734	30.95%	1.008%
116	11.300	11.233	11.319	VV	818002	39570508	24.95%	0.812%
117	11.376	11.319	11.421	VV	4887135	122649197	77.33%	2.518%
118	11.458	11.421	11.491	VV	2625993	59948755	37.80%	1.231%
119	11.509	11.491	11.533	VV	799549	18803589	11.86%	0.386%
120	11.550	11.533	11.574	VV	762154	17523393	11.05%	0.360%
121	11.650	11.574	11.693	VV	1085263	60056905	37.86%	1.233%
122	11.707	11.693	11.725	VV	847832	15107703	9.52%	0.310%
123	11.749	11.725	11.770	VV	1163236	26201748	16.52%	0.538%
124	11.786	11.770	11.815	VV	1058980	22597262	14.25%	0.464%
125	11.835	11.815	11.888	VV	1013317	33516112	21.13%	0.688%
126	11.906	11.888	11.955	VV	725216	26695799	16.83%	0.548%
127	12.041	11.955	12.192	VV	3926241	158612265	100.00%	3.257%
128	12.219	12.192	12.263	VV	644872	25582999	16.13%	0.525%
129	12.296	12.263	12.342	VV	852257	33958456	21.41%	0.697%
130	12.357	12.342	12.378	VV	687207	13671815	8.62%	0.281%
131	12.431	12.378	12.460	VV	990195	36375300	22.93%	0.747%
132	12.481	12.460	12.551	VV	768793	32765177	20.66%	0.673%
133	12.581	12.551	12.625	VV	658271	24652012	15.54%	0.506%
134	12.677	12.625	12.711	VV	3753916	81004185	51.07%	1.663%
135	12.729	12.711	12.777	VV	657184	22583804	14.24%	0.464%
136	12.799	12.777	12.858	VV	551910	23818150	15.02%	0.489%
137	12.912	12.858	12.963	VV	651913	33499894	21.12%	0.688%
138	12.977	12.963	12.998	VV	526873	10223083	6.45%	0.210%
139	13.050	12.998	13.081	VV	655281	27030713	17.04%	0.555%
140	13.102	13.081	13.128	VV	1067217	19633242	12.38%	0.403%
141	13.149	13.128	13.231	VV	600459	27804669	17.53%	0.571%

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142	13.283	13.231	13.418	VV	2768265	83968876	52.94%	1.724%
143	13.436	13.418	13.457	VV	362917	7986164		
144	13.496	13.457	13.591	VV	533374	31605638	19.58%	0.863%
145	13.641	13.591	13.667	VV	418647	16369758	10.71%	0.402%
146	13.688	13.667	13.731	VV	452378	13580030	8.26%	0.436%
147	13.754	13.731	13.800	VV	329763	12031265		
148	13.860	13.800	13.890	VV	2391763	42023840	26.49%	0.863%
149	13.911	13.890	14.018	VV	318098	19560302	12.33%	0.402%
150	14.073	14.018	14.158	VV	336617	21242352	13.39%	0.436%
151	14.175	14.158	14.191	VV	228504	4281749	2.70%	0.088%
152	14.207	14.191	14.225	VV	262020	4644151	2.93%	0.095%
153	14.256	14.225	14.294	VV	249863	9102961	5.74%	0.187%
154	15.313	14.294	14.354	VV	191375	6262390	3.95%	0.129%
155	14.410	14.354	14.445	VV	990265	19328368	12.19%	0.397%
156	14.472	14.445	14.581	VV	186839	12632446	7.96%	0.259%
157	14.608	14.581	14.706	VV	182500	10929136	6.89%	0.224%
158	14.721	14.706	14.738	VV	131596	2391226	1.51%	0.049%
159	14.751	14.738	14.771	VV	143167	2549430	1.61%	0.052%
160	14.798	14.771	14.900	VV	144254	8662875	5.46%	0.178%
161	14.950	14.900	14.981	VV	1096480	17755142	11.19%	0.365%
162	14.999	14.981	15.066	VV	107634	4765089	3.00%	0.098%
163	15.080	15.066	15.105	VV	85068	1862335	1.17%	0.038%
164	15.139	15.105	15.174	VV	98509	3597295	2.27%	0.074%
165	15.187	15.174	15.261	VV	85776	3960813	2.50%	0.081%
166	15.276	15.261	15.305	VV	78929	1875443	1.18%	0.039%
167	15.327	15.305	15.355	VV	78886	2162468	1.36%	0.044%
168	15.374	15.355	15.424	VV	70464	2528969	1.59%	0.052%
169	15.461	15.424	15.615	VV	227735	8341151	5.26%	0.171%
170	15.642	15.615	15.744	VV	59171	3789994	2.39%	0.078%
171	15.778	15.744	15.805	VV	51600	1704626	1.07%	0.035%
172	15.829	15.805	15.924	VV	45452	2887276	1.82%	0.059%
173	15.966	15.924	16.102	VV	718284	12386767	7.81%	0.254%
174	16.132	16.102	16.231	VV	37424	2520139	1.59%	0.052%
175	16.273	16.231	16.303	VV	33562	1361124	0.86%	0.028%
176	16.320	16.303	16.411	VV	32944	1858150	1.17%	0.038%
177	16.443	16.411	16.533	VV	56071	2244755	1.42%	0.046%
178	16.547	16.533	16.566	VV	24020	472588	0.30%	0.010%
179	16.606	16.566	16.651	VV	28004	1312185	0.83%	0.027%
180	16.670	16.651	16.704	VV	26595	795293	0.50%	0.016%
181	16.745	16.704	16.760	VV	25352	806783	0.51%	0.017%
182	16.787	16.760	16.853	VV	26302	1306533	0.82%	0.027%
183	16.915	16.853	17.010	VV	581691	9686898	6.11%	0.199%
184	17.064	17.010	17.131	VV	24868	1604944	1.01%	0.033%
185	17.146	17.131	17.191	VV	22456	767550	0.48%	0.016%
186	17.238	17.191	17.275	VV	21894	1045755	0.66%	0.021%
187	17.284	17.275	17.308	VV	20098	394398	0.25%	0.008%
188	17.360	17.308	17.430	VV	27458	1562687	0.99%	0.032%
189	17.495	17.430	17.618	VV	22952	2232880	1.41%	0.046%
190	17.687	17.618	17.748	VV	21604	1529644	0.96%	0.031%
191	17.802	17.748	17.901	VV	539532	8899694	5.61%	0.183%
192	17.946	17.901	18.038	VV	21576	1572107	0.99%	0.032%
193	18.092	18.038	18.131	VV	19395	1009673	0.64%	0.021%
194	18.218	18.131	18.258	VV	23215	1466333	0.92%	0.030%

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195	18.275	18.258	18.294	VV	17871	375086	0.24%	0.008%
196	18.321	18.294	18.336	VV	18441	443915		
197	18.354	18.336	18.408	VV	19520	751789		
198	18.420	18.408	18.451	VV	17460	434538		
199	18.516	18.451	18.573	VV	18975	1260312		
200	18.636	18.573	18.716	VV	480791	8275043		
201	18.753	18.716	18.811	VV	18658	973336	0.61%	0.020%
202	18.816	18.811	18.851	VV	17085	395386	0.25%	0.008%
203	18.888	18.851	18.908	VV	17642	557516	0.35%	0.011%
204	18.920	18.908	18.982	VV	16826	714754	0.45%	0.015%
205	19.029	18.982	19.125	VV	21439	1424643	0.90%	0.029%
206	19.143	19.125	19.357	VV	17057	2205659	1.39%	0.045%
207	19.420	19.357	19.516	VV	460313	8124261	5.12%	0.167%
208	19.531	19.516	19.608	VV	17122	859630	0.54%	0.018%
209	19.618	19.608	19.633	VV	15767	232419	0.15%	0.005%
210	19.650	19.633	19.771	VV	16288	1260470	0.79%	0.026%
211	19.789	19.771	19.806	VV	18335	348380	0.22%	0.007%
212	19.829	19.806	19.871	VV	16807	614194	0.39%	0.013%
213	19.906	19.871	19.935	VV	14912	557150	0.35%	0.011%
214	19.945	19.935	20.005	VV	14699	599771	0.38%	0.012%
215	20.014	20.005	20.038	VV	14527	285196	0.18%	0.006%
216	20.053	20.038	20.087	VV	14928	417022	0.26%	0.009%
217	20.159	20.087	20.328	VV	431030	8192614	5.17%	0.168%
218	20.343	20.328	20.481	VV	13771	1161313	0.73%	0.024%
219	20.511	20.481	20.597	VV	12134	736250	0.46%	0.015%
220	20.625	20.597	20.692	VV	10105	535445	0.34%	0.011%
221	20.707	20.692	20.735	VV	9226	227944	0.14%	0.005%
222	20.750	20.735	20.851	VV	9246	540556	0.34%	0.011%
223	20.918	20.851	21.195	VV	332506	7116771	4.49%	0.146%
224	21.213	21.195	21.314	VV	3930	254678	0.16%	0.005%
225	21.352	21.314	21.459	VV	3632	242766	0.15%	0.005%
226	21.474	21.459	21.578	VV	2251	126018	0.08%	0.003%
227	21.618	21.578	21.798	VV	1611	127465	0.08%	0.003%
228	21.872	21.798	22.001	VBA	234164	5741363	3.62%	0.118%
Sum of corrected areas:					4870616291			

Instrument :

FID_C

ClientSampleId :

SOILMS

0.24% 0.008%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Aliphatic EPH 100725.M Thu Oct 09 06:20:35 2025