

rteres

Instrument :

FID_E

ClientSampleId :

9EPH-E

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/06/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10012
Data File : FE056128.D
Signal(s) : FID1B.ch
Acq On : 01 Oct 2025 14:02
Sample : Q3253-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.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	2.819	2.804	2.891	BV	312	5436	0.07%	0.007%
2	2.895	2.891	3.078	VV	147	334	0.00%	0.000%
3	3.082	3.078	3.231	PV	35	1499	0.02%	0.002%
4	3.254	3.231	3.263	PV	199	2730	0.03%	0.004%
5	3.279	3.263	3.354	VV	314	8391	0.10%	0.011%
6	3.365	3.354	3.396	PV	83	773	0.01%	0.001%
7	3.406	3.396	3.447	VV	107	1388	0.02%	0.002%
8	3.457	3.447	3.538	PV	59	490	0.01%	0.001%
9	3.547	3.538	3.584	VV	108	1367	0.02%	0.002%
10	3.594	3.584	3.625	VV	144	2068	0.02%	0.003%
11	3.655	3.625	3.728	VV	175	5321	0.06%	0.007%
12	3.747	3.728	3.809	PV	12232	147509	1.76%	0.190%
13	3.833	3.809	3.864	VV	1078	17438	0.21%	0.022%
14	3.882	3.864	3.904	VV	1624	17728	0.21%	0.023%
15	3.921	3.904	3.975	VV	930	13417	0.16%	0.017%
16	4.000	3.975	4.078	VV	1149	13643	0.16%	0.018%
17	4.092	4.078	4.108	PV	95	1188	0.01%	0.002%
18	4.124	4.108	4.191	VV	103	3285	0.04%	0.004%
19	4.208	4.191	4.241	VV	177	3091	0.04%	0.004%
20	4.273	4.241	4.348	VV	164	5742	0.07%	0.007%
21	4.359	4.348	4.364	PV	111	733	0.01%	0.001%
22	4.392	4.364	4.502	VV	299	14283	0.17%	0.018%
23	4.526	4.502	4.558	VV	164	4048	0.05%	0.005%
24	4.569	4.558	4.584	VV	176	2087	0.02%	0.003%
25	4.595	4.584	4.655	VV	200	4698	0.06%	0.006%
26	4.669	4.655	4.706	VV	258	3600	0.04%	0.005%
27	4.717	4.706	4.769	VV	157	3575	0.04%	0.005%
28	4.792	4.769	4.814	VV	254	3513	0.04%	0.005%
29	4.839	4.814	4.853	VV	252	3528	0.04%	0.005%
30	4.870	4.853	4.891	VV	194	2967	0.04%	0.004%
31	4.904	4.891	4.931	VV	164	2627	0.03%	0.003%
32	4.941	4.931	5.039	VV	77	7213	0.09%	0.009%
33	5.045	5.039	5.054	VV	184	1401	0.02%	0.002%
34	5.101	5.054	5.141	VV	267	10071	0.12%	0.013%
35	5.150	5.141	5.301	VV	172	7053	0.08%	0.009%
36	5.306	5.301	5.364	VV	134	3339	0.04%	0.004%

					Area	Weight		
37	5.371	5.364	5.408	VV	83	1361	0.02%	0.002%
38	5.411	5.408	5.418	VV	49	232		
39	5.426	5.418	5.441	PV	86	723		
40	5.446	5.441	5.531	VV	77	3398		
41	5.540	5.531	5.559	VV	84	686		
42	5.566	5.559	5.574	VV	58	283		
43	5.578	5.574	5.596	VV	66	519	0.01%	0.001%
44	5.618	5.596	5.641	PV	298	3512	0.04%	0.005%
45	5.648	5.641	5.674	VV	186	1910	0.02%	0.002%
46	5.682	5.674	5.719	VV	72	1394	0.02%	0.002%
47	5.728	5.719	5.750	PV	70	906	0.01%	0.001%
48	5.758	5.750	5.778	VV	103	1045	0.01%	0.001%
49	5.810	5.778	5.830	VV	251	4420	0.05%	0.006%
50	5.852	5.830	5.894	VV	404	9980	0.12%	0.013%
51	5.908	5.894	5.914	VV	162	1847	0.02%	0.002%
52	5.930	5.914	5.975	VV	326	7154	0.09%	0.009%
53	6.008	5.975	6.039	VV	211	5345	0.06%	0.007%
54	6.064	6.039	6.078	VV	223	3463	0.04%	0.004%
55	6.083	6.078	6.111	VV	193	2710	0.03%	0.003%
56	6.129	6.111	6.165	VV	247	5076	0.06%	0.007%
57	6.181	6.165	6.198	VV	287	3546	0.04%	0.005%
58	6.204	6.198	6.219	VV	159	1553	0.02%	0.002%
59	6.246	6.219	6.257	VV	123	2508	0.03%	0.003%
60	6.284	6.257	6.321	VV	214	6327	0.08%	0.008%
61	6.353	6.321	6.371	VV	249	5477	0.07%	0.007%
62	6.393	6.371	6.479	VV	872	23667	0.28%	0.030%
63	6.502	6.479	6.509	VV	350	5010	0.06%	0.006%
64	6.548	6.509	6.613	VV	483	17447	0.21%	0.022%
65	6.624	6.613	6.664	VV	274	6744	0.08%	0.009%
66	6.687	6.664	6.706	VV	412	7644	0.09%	0.010%
67	6.732	6.706	6.786	VV	467	13182	0.16%	0.017%
68	6.831	6.786	6.898	VV	1069	24007	0.29%	0.031%
69	6.927	6.898	6.974	VV	486	13140	0.16%	0.017%
70	6.983	6.974	7.029	VV	224	5156	0.06%	0.007%
71	7.040	7.029	7.063	VV	121	2482	0.03%	0.003%
72	7.074	7.063	7.082	VV	125	1083	0.01%	0.001%
73	7.092	7.082	7.124	VV	123	2471	0.03%	0.003%
74	7.134	7.124	7.150	VV	135	1530	0.02%	0.002%
75	7.212	7.150	7.242	PV	176	5324	0.06%	0.007%
76	7.259	7.242	7.283	VV	133	2693	0.03%	0.003%
77	7.422	7.283	7.457	VV	338	23922	0.29%	0.031%
78	7.526	7.457	7.551	VV	300	13073	0.16%	0.017%
79	7.565	7.551	7.614	VV	305	7481	0.09%	0.010%
80	7.641	7.614	7.685	VV	445	11345	0.14%	0.015%
81	7.722	7.685	7.739	VV	283	8219	0.10%	0.011%
82	7.796	7.739	7.898	VV	381	20410	0.24%	0.026%
83	7.919	7.898	7.944	VV	165	3110	0.04%	0.004%
84	7.976	7.944	8.041	VV	228	7690	0.09%	0.010%
85	8.378	8.361	8.401	VV	566	13492	0.16%	0.017%
86	8.418	8.401	8.467	VV	808	19348	0.23%	0.025%
87	8.499	8.467	8.544	VV	797	23120	0.28%	0.030%
88	8.575	8.544	8.630	VV	1293	39048	0.47%	0.050%
89	8.669	8.630	8.758	VV	3066	79094	0.95%	0.102%

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90	8.805	8.758	8.823	VV	637	19598	0.23%	0.025%
91	8.850	8.823	8.888	VV	1808	32095		
92	8.908	8.888	8.925	VV	656	9628		
93	9.152	9.131	9.197	VV	4853	135321		
94	9.218	9.197	9.282	VV	3962	108981		
95	9.335	9.282	9.397	VV	6829	210973		
96	9.422	9.397	9.470	VV	2766	102338	1.22%	0.132%
97	9.507	9.470	9.574	VV	4392	156315	1.87%	0.201%
98	9.592	9.574	9.631	VV	2099	60351	0.72%	0.078%
99	9.665	9.631	9.714	VV	4068	147855	1.77%	0.190%
100	9.723	9.714	9.784	VV	2831	105256	1.26%	0.135%
101	9.831	9.784	9.861	VV	3322	126612	1.51%	0.163%
102	9.913	9.861	9.944	VV	6078	180072	2.15%	0.232%
103	9.970	9.944	10.028	VV	4411	171346	2.05%	0.221%
104	10.049	10.028	10.101	VV	3837	142275	1.70%	0.183%
105	10.170	10.101	10.231	VV	25793	552635	6.61%	0.711%
106	10.249	10.231	10.280	VV	4809	136226	1.63%	0.175%
107	10.298	10.280	10.335	VV	5316	153915	1.84%	0.198%
108	10.401	10.335	10.443	VV	5221	299323	3.58%	0.385%
109	10.472	10.443	10.490	VV	5252	133314	1.59%	0.172%
110	10.572	10.490	10.591	VV	5751	313722	3.75%	0.404%
111	10.645	10.591	10.660	VV	8514	265292	3.17%	0.341%
112	10.685	10.660	10.707	VV	14784	289481	3.46%	0.373%
113	10.725	10.707	10.804	VV	12098	538426	6.44%	0.693%
114	10.834	10.804	10.861	VV	8768	269520	3.22%	0.347%
115	10.892	10.861	10.909	VV	7933	218600	2.62%	0.281%
116	10.965	10.909	10.998	VV	9999	476551	5.70%	0.613%
117	11.036	10.998	11.081	VV	12299	520530	6.23%	0.670%
118	11.109	11.081	11.193	VV	36100	1068067	12.78%	1.375%
119	11.244	11.193	11.261	VV	11758	444761	5.32%	0.572%
120	11.311	11.261	11.342	VV	14039	602895	7.21%	0.776%
121	11.378	11.342	11.397	VV	13810	432053	5.17%	0.556%
122	11.433	11.397	11.485	VV	16758	743197	8.89%	0.957%
123	11.524	11.485	11.544	VV	15359	510632	6.11%	0.657%
124	11.604	11.544	11.628	VV	15748	745218	8.91%	0.959%
125	11.677	11.628	11.694	VV	17245	625266	7.48%	0.805%
126	11.740	11.694	11.784	VV	18366	908207	10.86%	1.169%
127	11.835	11.784	11.884	VV	38304	1285525	15.38%	1.655%
128	11.902	11.884	11.923	VV	17761	384411	4.60%	0.495%
129	11.944	11.923	11.964	VV	17397	417851	5.00%	0.538%
130	12.071	11.964	12.171	VV	559507	8359383	100.00%	10.759%
131	12.222	12.171	12.241	VV	21091	844921	10.11%	1.087%
132	12.262	12.241	12.280	VV	22328	499369	5.97%	0.643%
133	12.297	12.280	12.347	VV	21809	837067	10.01%	1.077%
134	12.395	12.347	12.471	VV	29853	1689851	20.22%	2.175%
135	12.544	12.471	12.593	VV	27958	1610651	19.27%	2.073%
136	12.615	12.593	12.638	VV	21421	558185	6.68%	0.718%
137	12.662	12.638	12.771	VV	40761	1926340	23.04%	2.479%
138	12.785	12.771	12.815	VV	21628	557331	6.67%	0.717%
139	12.848	12.815	12.873	VV	21531	727745	8.71%	0.937%
140	12.921	12.873	12.953	VV	21797	996109	11.92%	1.282%
141	12.979	12.953	13.036	VV	23694	1076836	12.88%	1.386%

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142	13.058	13.036	13.100	VV	25019	817259	9.78%	1.052%
143	13.136	13.100	13.238	VV	24340	1691815	20.61%	0.678%
144	13.253	13.238	13.276	VV	19116	422594	5.28%	0.568%
145	13.328	13.276	13.364	VV	19239	986033	11.52%	0.864%
146	13.389	13.364	13.406	VV	18579	453388	5.28%	0.568%
147	13.434	13.406	13.456	VV	21658	580694	6.06%	0.678%
148	13.508	13.456	13.658	VV	429289	7038097	84.19%	9.058%
149	13.678	13.658	13.701	VV	17535	441131	5.28%	0.568%
150	13.722	13.701	13.828	VV	17551	1213429	14.52%	1.562%
151	13.846	13.828	13.871	VV	15935	397864	4.76%	0.512%
152	13.899	13.871	13.924	VV	18278	526487	6.30%	0.678%
153	13.945	13.924	13.974	VV	15559	452527	5.41%	0.582%
154	13.991	13.974	14.060	VV	14770	715676	8.56%	0.921%
155	14.113	14.060	14.141	VV	14464	671069	8.03%	0.864%
156	14.166	14.141	14.234	VV	19144	810256	9.69%	1.043%
157	14.258	14.234	14.301	VV	13902	497068	5.95%	0.640%
158	14.309	14.301	14.374	VV	11990	499382	5.97%	0.643%
159	14.403	14.374	14.457	VV	11204	523585	6.26%	0.674%
160	14.495	14.457	14.528	VV	12475	465074	5.56%	0.599%
161	14.559	14.528	14.611	VV	10008	465798	5.57%	0.600%
162	14.658	14.611	14.761	VV	9472	776402	9.29%	0.999%
163	14.777	14.761	14.804	VV	7821	195501	2.34%	0.252%
164	14.824	14.804	14.856	VV	8793	234112	2.80%	0.301%
165	14.893	14.856	14.922	VV	7736	287593	3.44%	0.370%
166	14.953	14.922	15.045	VV	7779	481990	5.77%	0.620%
167	15.060	15.045	15.284	VV	5677	690730	8.26%	0.889%
168	15.326	15.284	15.342	VV	5981	161289	1.93%	0.208%
169	15.365	15.342	15.391	VV	8349	174392	2.09%	0.224%
170	15.410	15.391	15.469	VV	4768	169623	2.03%	0.218%
171	15.505	15.469	15.548	VV	3268	134599	1.61%	0.173%
172	15.559	15.548	15.587	VV	2451	53578	0.64%	0.069%
173	15.621	15.587	15.721	VV	6019	221240	2.65%	0.285%
174	15.758	15.721	15.861	VV	17591	476947	5.71%	0.614%
175	15.902	15.861	15.946	VV	4237	136583	1.63%	0.176%
176	15.969	15.946	16.111	VV	1966	95680	1.14%	0.123%
177	16.157	16.111	16.184	VV	731	23822	0.28%	0.031%
178	16.208	16.184	16.241	VV	624	17686	0.21%	0.023%
179	16.287	16.241	16.334	VV	761	28549	0.34%	0.037%
180	16.388	16.334	16.434	VV	3257	60584	0.72%	0.078%
181	16.451	16.434	16.494	VV	475	8049	0.10%	0.010%
182	16.520	16.494	16.545	VV	406	6165	0.07%	0.008%
183	16.601	16.545	16.658	PV	355	13602	0.16%	0.018%
184	16.701	16.658	16.748	VV	657	20840	0.25%	0.027%
185	16.781	16.748	16.821	VV	1959	48227	0.58%	0.062%
186	16.878	16.821	16.908	VV	4134	99243	1.19%	0.128%
187	16.950	16.908	16.991	VV	3132	99507	1.19%	0.128%
188	17.018	16.991	17.051	VV	767	18994	0.23%	0.024%
189	17.068	17.051	17.080	VV	406	6393	0.08%	0.008%
190	17.100	17.080	17.134	VV	331	8369	0.10%	0.011%
191	17.214	17.134	17.245	PV	1640	33628	0.40%	0.043%
192	17.275	17.245	17.318	VV	1767	43287	0.52%	0.056%
193	17.340	17.318	17.402	VV	5421	89673	1.07%	0.115%
194	17.421	17.402	17.451	VV	580	8467	0.10%	0.011%

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195	17.731	17.451	17.754	PV	1185	34673	0.41%	0.045%
196	17.791	17.754	17.858	VV	5972	102726		
197	17.880	17.858	17.901	VV	608	9215		
198	17.936	17.901	17.952	VV	241	5384		
199	18.135	17.952	18.161	PV	1272	27847		
200	18.230	18.161	18.276	VV	6983	140451		
201	18.322	18.276	18.354	VV	2882	46935	0.56%	0.060%
202	18.395	18.354	18.411	VV	864	17993	0.22%	0.023%
203	18.428	18.411	18.451	VV	575	10278	0.12%	0.013%
204	18.495	18.451	18.520	VV	621	15884	0.19%	0.020%
205	18.608	18.520	18.631	PV	6877	174085	2.08%	0.224%
206	18.654	18.631	18.701	VV	8846	158359	1.89%	0.204%
207	18.756	18.701	18.784	VV	1224	40029	0.48%	0.052%
208	18.910	18.784	18.931	VV	1243	46571	0.56%	0.060%
209	18.956	18.931	18.991	VV	1005	28681	0.34%	0.037%
210	19.062	18.991	19.124	VV	10067	213187	2.55%	0.274%
211	19.165	19.124	19.198	VV	2989	77921	0.93%	0.100%
212	19.234	19.198	19.277	VV	2036	67063	0.80%	0.086%
213	19.460	19.277	19.511	VV	9434	417969	5.00%	0.538%
214	19.621	19.511	19.644	VV	4046	271205	3.24%	0.349%
215	19.668	19.644	19.689	VV	4188	104545	1.25%	0.135%
216	19.775	19.689	19.794	VV	4526	258298	3.09%	0.332%
217	19.849	19.794	19.878	VV	10505	310829	3.72%	0.400%
218	20.145	19.878	20.161	VV	8850	1191906	14.26%	1.534%
219	20.226	20.161	20.258	VV	15219	613468	7.34%	0.790%
220	20.485	20.258	20.501	VV	14231	1685256	20.16%	2.169%
221	20.591	20.501	20.621	VV	18443	1084757	12.98%	1.396%
222	20.761	20.621	20.790	VV	20438	1727881	20.67%	2.224%
223	20.868	20.790	20.901	VV	18334	1194008	14.28%	1.537%
224	20.956	20.901	21.054	VV	18925	1567108	18.75%	2.017%
225	21.128	21.054	21.184	VV	15652	1203824	14.40%	1.549%
226	21.217	21.184	21.234	VV	14645	428692	5.13%	0.552%
227	21.256	21.234	21.318	VV	14296	698530	8.36%	0.899%
228	21.364	21.318	21.567	VV	14751	1764950	21.11%	2.272%
229	21.700	21.567	21.778	VV	9193	1130708	13.53%	1.455%
230	21.821	21.778	21.934	VV	8563	698980	8.36%	0.900%
231	21.942	21.934	22.008	VV	6286	255274	3.05%	0.329%
232	22.029	22.008	22.137	VV	5410	363694	4.35%	0.468%
233	22.197	22.137	22.298	VV	3180	249399	2.98%	0.321%
234	22.350	22.298	22.474	VV	2227	131200	1.57%	0.169%

Sum of corrected areas: 77696635

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ClientSampleId :

9EPH-E

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/06/2025

Aliphatic EPH 092425.M Wed Oct 01 15:13:09 2025