

rteres

Instrument :

FID_E

ClientSampleId :

9EPH-D

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 : FE056127.D
Signal(s) : FID1B.ch
Acq On : 01 Oct 2025 13:32
Sample : Q3253-05
Misc :
ALS Vial : 12 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	2.821	2.804	2.871	BV	289	3879	0.03%	0.002%
2	2.893	2.871	2.952	VV	168	3891	0.03%	0.002%
3	2.957	2.952	2.985	VV	101	540	0.00%	0.000%
4	2.994	2.985	3.025	PV	107	351	0.00%	0.000%
5	3.041	3.025	3.054	PV	105	851	0.01%	0.000%
6	3.057	3.054	3.096	VV	89	1132	0.01%	0.001%
7	3.105	3.096	3.174	PV	90	2207	0.02%	0.001%
8	3.187	3.174	3.224	VV	166	2902	0.03%	0.002%
9	3.250	3.224	3.361	VV	305	14630	0.13%	0.008%
10	3.371	3.361	3.394	VV	135	2068	0.02%	0.001%
11	3.412	3.394	3.422	VV	165	2142	0.02%	0.001%
12	3.428	3.422	3.508	VV	141	3848	0.03%	0.002%
13	3.517	3.508	3.578	PV	144	4952	0.04%	0.003%
14	3.586	3.578	3.631	VV	189	3679	0.03%	0.002%
15	3.644	3.631	3.721	VV	233	6798	0.06%	0.004%
16	3.754	3.721	3.820	VV	662	11608	0.10%	0.007%
17	3.845	3.820	3.863	VV	248	3259	0.03%	0.002%
18	3.883	3.863	3.981	VV	1271	16293	0.14%	0.009%
19	3.999	3.981	4.056	VV	970	11499	0.10%	0.007%
20	4.068	4.056	4.101	VV	100	1387	0.01%	0.001%
21	4.124	4.101	4.175	PV	121	3543	0.03%	0.002%
22	4.211	4.175	4.251	VV	236	5947	0.05%	0.003%
23	4.261	4.251	4.269	VV	196	1560	0.01%	0.001%
24	4.273	4.269	4.364	VV	164	6607	0.06%	0.004%
25	4.401	4.364	4.428	VV	285	8068	0.07%	0.005%
26	4.439	4.428	4.490	VV	230	7744	0.07%	0.004%
27	4.500	4.490	4.509	VV	240	2278	0.02%	0.001%
28	4.516	4.509	4.605	VV	209	9745	0.08%	0.006%
29	4.633	4.605	4.651	VV	182	4577	0.04%	0.003%
30	4.667	4.651	4.692	VV	309	5258	0.05%	0.003%
31	4.707	4.692	4.724	VV	188	3060	0.03%	0.002%
32	4.730	4.724	4.749	VV	166	1890	0.02%	0.001%
33	4.754	4.749	4.766	VV	126	1308	0.01%	0.001%
34	4.792	4.766	4.820	VV	266	4272	0.04%	0.002%
35	4.836	4.820	4.854	PV	192	2274	0.02%	0.001%
36	4.865	4.854	4.887	VV	193	2575	0.02%	0.001%

					retention	Area	Area%	Area%
37	4.898	4.887	4.918	VV	126	1682	0.01%	0.001%
38	4.935	4.918	4.957	VV	192	3019	0.01%	0.001%
39	4.973	4.957	5.001	VV	187	3646	0.01%	0.001%
40	5.010	5.001	5.018	VV	197	1471	0.01%	0.001%
41	5.034	5.018	5.064	VV	225	4783	0.01%	0.001%
42	5.109	5.064	5.158	VV	367	13565	0.01%	0.001%
43	5.187	5.158	5.314	VV	174	10116	0.09%	0.006%
44	5.324	5.314	5.371	VV	153	3018	0.03%	0.002%
45	5.381	5.371	5.391	VV	137	1226	0.01%	0.001%
46	5.396	5.391	5.409	VV	146	1073	0.01%	0.001%
47	5.424	5.409	5.454	VV	131	2308	0.02%	0.001%
48	5.467	5.454	5.475	VV	103	888	0.01%	0.001%
49	5.498	5.475	5.537	VV	165	3219	0.03%	0.002%
50	5.550	5.537	5.558	PV	23	774	0.01%	0.000%
51	5.618	5.558	5.727	VV	308	10349	0.09%	0.006%
52	5.754	5.727	5.778	PV	105	1439	0.01%	0.001%
53	5.809	5.778	5.831	PV	279	4813	0.04%	0.003%
54	5.857	5.831	5.897	VV	328	8727	0.08%	0.005%
55	5.930	5.897	5.969	VV	333	8162	0.07%	0.005%
56	6.003	5.969	6.043	VV	216	6103	0.05%	0.004%
57	6.064	6.043	6.104	PV	160	3587	0.03%	0.002%
58	6.127	6.104	6.164	VV	120	3557	0.03%	0.002%
59	6.190	6.164	6.224	VV	93	3164	0.03%	0.002%
60	6.238	6.224	6.253	VV	90	1556	0.01%	0.001%
61	6.283	6.253	6.321	VV	329	6011	0.05%	0.003%
62	6.348	6.321	6.368	VV	157	3592	0.03%	0.002%
63	6.394	6.368	6.471	VV	738	18933	0.16%	0.011%
64	6.489	6.471	6.512	VV	293	5753	0.05%	0.003%
65	6.548	6.512	6.596	VV	416	12620	0.11%	0.007%
66	6.633	6.596	6.658	VV	246	7936	0.07%	0.005%
67	6.685	6.658	6.710	VV	387	7967	0.07%	0.005%
68	6.728	6.710	6.762	VV	302	7575	0.07%	0.004%
69	6.791	6.762	6.821	VV	297	8713	0.08%	0.005%
70	6.831	6.821	6.900	VV	289	8651	0.07%	0.005%
71	6.931	6.900	6.975	VV	356	10457	0.09%	0.006%
72	6.997	6.975	7.088	VV	233	8446	0.07%	0.005%
73	7.120	7.088	7.151	VV	155	3776	0.03%	0.002%
74	7.180	7.151	7.225	PV	195	4396	0.04%	0.003%
75	7.257	7.225	7.288	VV	179	3515	0.03%	0.002%
76	7.381	7.288	7.404	PV	384	17574	0.15%	0.010%
77	7.422	7.404	7.471	VV	429	12160	0.10%	0.007%
78	7.524	7.471	7.551	VV	448	14286	0.12%	0.008%
79	7.568	7.551	7.608	VV	533	10922	0.09%	0.006%
80	7.626	7.608	7.644	VV	239	4071	0.04%	0.002%
81	7.669	7.644	7.688	VV	405	6993	0.06%	0.004%
82	7.707	7.688	7.731	VV	310	6805	0.06%	0.004%
83	7.778	7.731	7.878	VV	539	25677	0.22%	0.015%
84	7.976	7.878	8.044	VV	430	20094	0.17%	0.012%
85	8.235	8.218	8.341	VV	2319	109070	0.94%	0.063%
86	8.378	8.341	8.401	VV	1131	34247	0.30%	0.020%
87	8.419	8.401	8.464	VV	1802	40236	0.35%	0.023%
88	8.498	8.464	8.544	VV	2131	57961	0.50%	0.033%
89	8.574	8.544	8.626	VV	1668	67674	0.58%	0.039%

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90	8.679	8.626	8.744	VV	2253	109168	0.94%	0.063%
91	8.850	8.744	8.888	VV	6068	178545		
92	8.908	8.888	8.924	VV	2191	38096		
93	9.150	9.123	9.198	VV	10470	281984		
94	9.218	9.198	9.282	VV	10354	276973		
95	9.339	9.282	9.398	VV	7514	373276		
96	9.437	9.398	9.469	VV	6744	242908	2.10%	0.140%
97	9.510	9.469	9.537	VV	6580	233561	2.02%	0.135%
98	9.558	9.537	9.573	VV	6226	119739	1.03%	0.069%
99	9.594	9.573	9.626	VV	6649	187088	1.62%	0.108%
100	9.670	9.626	9.704	VV	7535	292972	2.53%	0.169%
101	9.745	9.704	9.780	VV	7745	321124	2.77%	0.185%
102	9.831	9.780	9.858	VV	10449	391179	3.38%	0.226%
103	9.913	9.858	9.944	VV	17112	557761	4.82%	0.322%
104	9.968	9.944	10.024	VV	13256	503718	4.35%	0.290%
105	10.049	10.024	10.101	VV	11687	474084	4.09%	0.273%
106	10.170	10.101	10.227	VV	28618	1069428	9.23%	0.617%
107	10.254	10.227	10.282	VV	14584	450537	3.89%	0.260%
108	10.301	10.282	10.336	VV	14856	459741	3.97%	0.265%
109	10.398	10.336	10.441	VV	15966	920052	7.94%	0.531%
110	10.474	10.441	10.501	VV	16434	549883	4.75%	0.317%
111	10.539	10.501	10.553	VV	17096	516272	4.46%	0.298%
112	10.573	10.553	10.593	VV	18409	422471	3.65%	0.244%
113	10.685	10.593	10.713	VV	45850	1754075	15.14%	1.011%
114	10.771	10.713	10.802	VV	26048	1299206	11.22%	0.749%
115	10.836	10.802	10.864	VV	27291	908567	7.84%	0.524%
116	10.964	10.864	10.998	VV	29813	2083872	17.99%	1.202%
117	11.109	10.998	11.193	VV	109680	4902059	42.32%	2.827%
118	11.243	11.193	11.264	VV	36985	1444230	12.47%	0.833%
119	11.317	11.264	11.341	VV	40237	1723724	14.88%	0.994%
120	11.376	11.341	11.397	VV	43085	1343128	11.60%	0.774%
121	11.433	11.397	11.487	VV	51359	2352800	20.31%	1.357%
122	11.526	11.487	11.557	VV	49347	1875370	16.19%	1.081%
123	11.605	11.557	11.658	VV	49531	2867688	24.76%	1.654%
124	11.741	11.658	11.791	VV	56239	4132039	35.67%	2.383%
125	11.836	11.791	11.888	VV	120244	3967260	34.25%	2.288%
126	11.903	11.888	11.924	VV	55925	1175092	10.14%	0.678%
127	11.946	11.924	11.968	VV	55361	1383662	11.95%	0.798%
128	12.072	11.968	12.134	VV	576482	11583335	100.00%	6.679%
129	12.146	12.134	12.174	VV	63721	1468112	12.67%	0.847%
130	12.263	12.174	12.283	VV	68854	4170762	36.01%	2.405%
131	12.302	12.283	12.354	VV	68150	2770270	23.92%	1.597%
132	12.396	12.354	12.470	VV	93705	5003991	43.20%	2.885%
133	12.528	12.470	12.601	VV	70712	5158117	44.53%	2.974%
134	12.663	12.601	12.774	VV	85913	7081829	61.14%	4.084%
135	12.830	12.774	12.871	VV	68398	3799466	32.80%	2.191%
136	12.924	12.871	12.954	VV	68165	3267520	28.21%	1.884%
137	12.979	12.954	13.004	VV	74323	2049378	17.69%	1.182%
138	13.021	13.004	13.036	VV	66775	1252148	10.81%	0.722%
139	13.059	13.036	13.104	VV	74281	2684095	23.17%	1.548%
140	13.119	13.104	13.184	VV	64235	3036711	26.22%	1.751%
141	13.202	13.184	13.234	VV	65619	1839234	15.88%	1.061%

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0.94% 0.063%

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142	13.255	13.234	13.274	VV	60350	1401957	12.10%	0.808%	
143	13.329	13.274	13.367	VV	61120	3236077	27.10%	0.808%	
144	13.387	13.367	13.411	VV	59942	1512476	13.10%	0.808%	
145	13.429	13.411	13.451	VV	58578	1364641	11.10%	0.808%	
146	13.508	13.451	13.538	VV	452075	7480640	64.10%	0.808%	
147	13.558	13.538	13.658	VV	71303	4160985	35.10%	0.808%	
148	13.683	13.658	13.701	VV	53320	1347519	11.63%	0.777%	
149	13.721	13.701	13.824	VV	54580	3710909	32.04%	2.140%	
150	13.842	13.824	13.869	VV	49344	1292970	11.16%	0.746%	
151	13.899	13.869	13.975	VV	55877	3095441	26.72%	1.785%	
152	13.990	13.975	14.048	VV	46470	1918161	16.56%	1.106%	
153	14.109	14.048	14.141	VV	45003	2406035	20.77%	1.387%	
154	14.169	14.141	14.238	VV	45383	2355975	20.34%	1.359%	
155	14.257	14.238	14.374	VV	39974	3004032	25.93%	1.732%	
156	14.405	14.374	14.454	VV	35788	1635241	14.12%	0.943%	
157	14.495	14.454	14.524	VV	39952	1471787	12.71%	0.849%	
158	14.552	14.524	14.613	VV	33080	1619075	13.98%	0.934%	
159	14.654	14.613	14.764	VV	30146	2480044	21.41%	1.430%	
160	14.780	14.764	14.804	VV	24857	580581	5.01%	0.335%	
161	14.822	14.804	14.874	VV	25199	971192	8.38%	0.560%	
162	14.897	14.874	14.929	VV	23287	737299	6.37%	0.425%	
163	14.951	14.929	15.081	VV	25675	1864278	16.09%	1.075%	
164	15.093	15.081	15.308	VV	18129	2071777	17.89%	1.195%	
165	15.324	15.308	15.342	VV	13464	267657	2.31%	0.154%	
166	15.364	15.342	15.388	VV	15770	379138	3.27%	0.219%	
167	15.407	15.388	15.484	VV	12899	647964	5.59%	0.374%	
168	15.507	15.484	15.592	VV	10904	582652	5.03%	0.336%	
169	15.619	15.592	15.680	VV	8880	399763	3.45%	0.231%	
170	15.700	15.680	15.721	VV	6711	155995	1.35%	0.090%	
171	15.756	15.721	15.863	VV	19525	764173	6.60%	0.441%	
172	15.905	15.863	16.084	VV	9551	592011	5.11%	0.341%	
173	16.103	16.084	16.128	VV	2208	53978	0.47%	0.031%	
174	16.148	16.128	16.181	VV	2063	63172	0.55%	0.036%	
175	16.203	16.181	16.268	VV	2329	90275	0.78%	0.052%	
176	16.278	16.268	16.325	VV	1529	44995	0.39%	0.026%	
177	16.347	16.325	16.368	VV	1217	26534	0.23%	0.015%	
178	16.389	16.368	16.481	VV	2902	77544	0.67%	0.045%	
179	16.519	16.481	16.567	VV	958	19383	0.17%	0.011%	
180	16.598	16.567	16.628	VV	726	13081	0.11%	0.008%	
181	16.640	16.628	16.660	VV	254	3700	0.03%	0.002%	
182	16.712	16.660	16.744	PV	1213	27136	0.23%	0.016%	
183	16.778	16.744	16.821	VV	1762	38821	0.34%	0.022%	
184	16.877	16.821	16.917	VV	3226	75843	0.65%	0.044%	
185	16.955	16.917	16.991	VV	1618	37877	0.33%	0.022%	
186	17.067	16.991	17.131	VV	860	32757	0.28%	0.019%	
187	17.214	17.131	17.251	PV	1210	29599	0.26%	0.017%	
188	17.341	17.251	17.404	VV	4334	115825	1.00%	0.067%	
189	17.421	17.404	17.467	VV	944	13584	0.12%	0.008%	
190	17.632	17.467	17.651	PV	282	11779	0.10%	0.007%	
191	17.680	17.651	17.698	PV	592	10348	0.09%	0.006%	
192	17.727	17.698	17.753	VV	1285	26551	0.23%	0.015%	
193	17.791	17.753	17.851	VV	4864	90413	0.78%	0.052%	
194	17.880	17.851	17.901	VV	837	10138	0.09%	0.006%	

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195	17.926	17.901	17.951	VV	271	5885	0.05%	0.003%
196	18.012	17.951	18.033	PV	572	9933		
197	18.231	18.033	18.264	PV	5675	143094		
198	18.320	18.264	18.352	VV	3121	59290		
199	18.430	18.352	18.454	VV	1061	51644		
200	18.497	18.454	18.521	VV	655	20077		
201	18.603	18.521	18.630	PV	6624	171850	1.48%	0.099%
202	18.653	18.630	18.695	VV	7851	136694	1.18%	0.079%
203	18.761	18.695	18.808	VV	1114	42022	0.36%	0.024%
204	18.953	18.808	18.980	VV	1242	69491	0.60%	0.040%
205	19.062	18.980	19.109	VV	8201	185639	1.60%	0.107%
206	19.165	19.109	19.208	VV	3564	98531	0.85%	0.057%
207	19.235	19.208	19.261	VV	1608	44270	0.38%	0.026%
208	19.459	19.261	19.518	VV	8646	430599	3.72%	0.248%
209	19.612	19.518	19.638	VV	4916	269581	2.33%	0.155%
210	19.670	19.638	19.687	VV	4551	122114	1.05%	0.070%
211	19.726	19.687	19.746	VV	5379	167589	1.45%	0.097%
212	19.773	19.746	19.790	VV	4798	123276	1.06%	0.071%
213	19.849	19.790	19.901	VV	9909	409962	3.54%	0.236%
214	19.963	19.901	20.011	VV	7663	461862	3.99%	0.266%
215	20.144	20.011	20.171	VV	9232	764237	6.60%	0.441%
216	20.227	20.171	20.256	VV	15010	559261	4.83%	0.322%
217	20.591	20.256	20.614	VV	18300	2791378	24.10%	1.610%
218	20.763	20.614	20.804	VV	20063	1994870	17.22%	1.150%
219	20.870	20.804	20.891	VV	18609	955535	8.25%	0.551%
220	20.957	20.891	21.031	VV	19002	1477678	12.76%	0.852%
221	21.138	21.031	21.168	VV	16137	1321330	11.41%	0.762%
222	21.186	21.168	21.209	VV	15357	371722	3.21%	0.214%
223	21.271	21.209	21.314	VV	14800	922541	7.96%	0.532%
224	21.363	21.314	21.548	VV	15144	1710663	14.77%	0.986%
225	21.633	21.548	21.651	VV	9515	580568	5.01%	0.335%
226	21.704	21.651	21.788	VV	9491	725703	6.27%	0.418%
227	21.822	21.788	21.909	VV	8558	545032	4.71%	0.314%
228	21.936	21.909	21.961	VV	6419	194247	1.68%	0.112%
229	21.975	21.961	22.121	VV	5827	480962	4.15%	0.277%
230	22.137	22.121	22.301	VV	3903	293191	2.53%	0.169%
231	22.354	22.301	22.473	VV	2147	124750	1.08%	0.072%
Sum of corrected areas:					173424120			

Instrument :

FID_E

ClientSampleId :

9EPH-D

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/06/2025

Aliphatic EPH 092425.M Wed Oct 01 15:12:47 2025