

rteres

Instrument :

FID_E

ClientSampleId :

FREEZE-PIT-SAMPLES MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/17/2025

Supervised By :mohammad ahmed 09/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE09162
Data File : FE055855.D
Signal(s) : FID1B.ch
Acq On : 16 Sep 2025 18:25
Sample : Q3105-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.827	2.804	2.874	PV	75733	1123008	6.93%	0.354%
2	2.887	2.874	2.981	PV	745	340	0.00%	0.000%
3	2.989	2.981	3.021	PV	90	1226	0.01%	0.000%
4	3.047	3.021	3.077	PV	218	3437	0.02%	0.001%
5	3.106	3.077	3.162	PV	3352	34071	0.21%	0.011%
6	3.194	3.162	3.244	VV	234	5421	0.03%	0.002%
7	3.284	3.244	3.338	PV	415	13539	0.08%	0.004%
8	3.347	3.338	3.367	VV	126	1586	0.01%	0.000%
9	3.411	3.367	3.519	PV	481212	4799312	29.60%	1.513%
10	3.533	3.519	3.543	VV	241	2966	0.02%	0.001%
11	3.558	3.543	3.579	VV	439	6078	0.04%	0.002%
12	3.595	3.579	3.613	VV	356	4863	0.03%	0.002%
13	3.625	3.613	3.677	VV	285	7726	0.05%	0.002%
14	3.700	3.677	3.714	VV	184	2497	0.02%	0.001%
15	3.725	3.714	3.738	VV	257	2554	0.02%	0.001%
16	3.767	3.738	3.831	VV	1188	27229	0.17%	0.009%
17	3.845	3.831	3.864	VV	482	6308	0.04%	0.002%
18	3.882	3.864	3.977	VV	6085	63823	0.39%	0.020%
19	3.999	3.977	4.063	VV	4850	51390	0.32%	0.016%
20	4.097	4.063	4.180	VV	398	12613	0.08%	0.004%
21	4.206	4.180	4.308	VV	435	18533	0.11%	0.006%
22	4.316	4.308	4.361	VV	252	5120	0.03%	0.002%
23	4.394	4.361	4.428	VV	509	10243	0.06%	0.003%
24	4.441	4.428	4.468	VV	228	5075	0.03%	0.002%
25	4.471	4.468	4.536	VV	260	6841	0.04%	0.002%
26	4.557	4.536	4.581	VV	267	5080	0.03%	0.002%
27	4.609	4.581	4.621	VV	245	3991	0.02%	0.001%
28	4.625	4.621	4.635	VV	220	1445	0.01%	0.000%
29	4.669	4.635	4.689	VV	570730	5532260	34.12%	1.744%
30	4.708	4.689	4.763	VV	589727	5890678	36.33%	1.857%
31	4.781	4.763	4.805	VV	6280	75379	0.46%	0.024%
32	4.828	4.805	4.938	VV	9600	128086	0.79%	0.040%
33	4.953	4.938	4.967	VV	526	7725	0.05%	0.002%
34	4.980	4.967	5.024	VV	511	12203	0.08%	0.004%
35	5.035	5.024	5.056	VV	378	6419	0.04%	0.002%
36	5.116	5.101	5.131	VV	321	5028	0.03%	0.002%

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37	5.136	5.131	5.158	VV	294	3991	0.02%	0.001%
38	5.168	5.158	5.175	VV	271	2206		
39	5.187	5.175	5.214	VV	372	5516		
40	5.253	5.214	5.291	VV	300	7747		
41	5.326	5.291	5.367	VV	340	9337		
42	5.397	5.367	5.438	VV	249	8383		
43	5.461	5.438	5.486	VV	282	5302	0.03%	0.002%
44	5.493	5.486	5.555	VV	186	4496	0.03%	0.001%
45	5.562	5.555	5.569	VV	130	703	0.00%	0.000%
46	5.615	5.569	5.708	VV	475	12504	0.08%	0.004%
47	5.717	5.708	5.727	VV	103	892	0.01%	0.000%
48	5.739	5.727	5.761	VV	83	975	0.01%	0.000%
49	5.808	5.761	5.831	VV	1644	17938	0.11%	0.006%
50	5.851	5.831	5.907	VV	597	12162	0.07%	0.004%
51	5.925	5.907	6.011	VV	253	7847	0.05%	0.002%
52	6.058	6.011	6.083	PV	181	4672	0.03%	0.001%
53	6.091	6.083	6.106	VV	151	1284	0.01%	0.000%
54	6.126	6.106	6.144	VV	366	4620	0.03%	0.001%
55	6.151	6.144	6.157	VV	113	887	0.01%	0.000%
56	6.176	6.157	6.217	VV	432	6613	0.04%	0.002%
57	6.253	6.217	6.308	VV	164	6284	0.04%	0.002%
58	6.386	6.308	6.534	VV	700290	6947537	42.84%	2.190%
59	6.548	6.534	6.622	VV	1155	43073	0.27%	0.014%
60	6.631	6.622	6.661	VV	681	14269	0.09%	0.004%
61	6.682	6.661	6.716	VV	767	21283	0.13%	0.007%
62	6.731	6.716	6.768	VV	598	15886	0.10%	0.005%
63	6.773	6.768	6.808	VV	545	11126	0.07%	0.004%
64	6.843	6.808	6.908	VV	636642	6337102	39.08%	1.998%
65	6.921	6.908	6.974	VV	1583	36676	0.23%	0.012%
66	6.995	6.974	7.119	VV	872	34676	0.21%	0.011%
67	7.138	7.119	7.158	VV	349	6616	0.04%	0.002%
68	7.178	7.158	7.201	VV	275	6122	0.04%	0.002%
69	7.221	7.201	7.234	VV	314	4702	0.03%	0.001%
70	7.254	7.234	7.308	VV	601	16393	0.10%	0.005%
71	7.333	7.308	7.366	VV	5226	67198	0.41%	0.021%
72	7.390	7.366	7.440	VV	14422	157855	0.97%	0.050%
73	7.487	7.440	7.604	VV	687310	6870066	42.36%	2.166%
74	7.626	7.604	7.661	VV	2984	55282	0.34%	0.017%
75	7.684	7.661	7.734	VV	3085	69171	0.43%	0.022%
76	7.761	7.734	7.776	VV	1548	23764	0.15%	0.007%
77	7.792	7.776	7.820	VV	2489	32899	0.20%	0.010%
78	7.854	7.820	7.874	VV	712	17135	0.11%	0.005%
79	7.886	7.874	7.945	VV	612	13048	0.08%	0.004%
80	7.973	7.945	7.998	VV	874	14546	0.09%	0.005%
81	8.016	7.998	8.048	VV	380	8299	0.05%	0.003%
82	8.054	8.048	8.064	VV	257	2124	0.01%	0.001%
83	8.114	8.064	8.241	VV	623910	6270941	38.67%	1.977%
84	8.253	8.241	8.347	VV	1272	43958	0.27%	0.014%
85	8.370	8.347	8.395	VV	2917	36477	0.22%	0.011%
86	8.427	8.395	8.488	VV	1769	35654	0.22%	0.011%
87	8.537	8.488	8.551	VV	556	14663	0.09%	0.005%
88	8.586	8.551	8.624	VV	812	23538	0.15%	0.007%
89	8.639	8.624	8.647	VV	575	6247	0.04%	0.002%

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90	8.682	8.647	8.755	VV	691460	7126976	43.95%	2.247%	
91	8.798	8.755	8.898	VV	798303	8077472	49.00%	2.247%	
92	8.910	8.898	8.961	VV	1190	23940	0.00%	0.000%	
93	8.999	8.961	9.066	VV	422249	4315644	26.00%	2.247%	
94	9.100	9.066	9.201	VV	820122	8294950	51.00%	2.247%	
95	9.216	9.201	9.261	VV	1183	26642	0.00%	0.000%	
96	9.274	9.261	9.304	VV	609	13738	0.08%	0.004%	
97	9.311	9.304	9.351	VV	580	12296	0.08%	0.004%	
98	9.374	9.351	9.390	VV	1310	18630	0.11%	0.006%	
99	9.413	9.390	9.486	VV	1728	45514	0.28%	0.014%	
100	9.509	9.486	9.627	VV	1819	36099	0.22%	0.011%	
101	9.637	9.627	9.646	VV	124	1099	0.01%	0.000%	
102	9.659	9.646	9.675	VV	169	2265	0.01%	0.001%	
103	9.692	9.675	9.730	VV	326	6041	0.04%	0.002%	
104	9.751	9.730	9.788	VV	304	6639	0.04%	0.002%	
105	9.810	9.788	9.828	VV	387	4907	0.03%	0.002%	
106	9.892	9.828	10.014	PV	797745	8559141	52.78%	2.698%	
107	10.029	10.014	10.051	VV	972	17425	0.11%	0.005%	
108	10.072	10.051	10.085	VV	3036	37072	0.23%	0.012%	
109	10.105	10.085	10.142	VV	12275	149401	0.92%	0.047%	
110	10.167	10.142	10.257	VV	33325	426259	2.63%	0.134%	
111	10.296	10.257	10.328	VV	744654	8162009	50.33%	2.573%	
112	10.338	10.328	10.380	VV	2190	36876	0.23%	0.012%	
113	10.395	10.380	10.435	VV	661	14221	0.09%	0.004%	
114	10.450	10.435	10.501	VV	253	5022	0.03%	0.002%	
115	10.508	10.501	10.548	VV	62	688	0.00%	0.000%	
116	10.580	10.548	10.612	VV	527	7378	0.05%	0.002%	
117	10.642	10.612	10.666	VV	1764	20613	0.13%	0.006%	
118	10.684	10.666	10.699	VV	397	4957	0.03%	0.002%	
119	10.712	10.699	10.726	VV	251	3590	0.02%	0.001%	
120	10.738	10.726	10.758	VV	375	4951	0.03%	0.002%	
121	10.772	10.758	10.800	VV	234	3597	0.02%	0.001%	
122	10.821	10.800	10.860	VV	338	5896	0.04%	0.002%	
123	10.881	10.860	10.926	VV	279	7817	0.05%	0.002%	
124	10.959	10.926	10.977	VV	670	13570	0.08%	0.004%	
125	10.993	10.977	11.014	VV	837	12460	0.08%	0.004%	
126	11.037	11.014	11.075	VV	998	16067	0.10%	0.005%	
127	11.106	11.075	11.220	VV	6454	88911	0.55%	0.028%	
128	11.307	11.220	11.349	PV	739509	8275805	51.03%	2.609%	
129	11.384	11.349	11.521	VV	746528	8227614	50.74%	2.594%	
130	11.544	11.521	11.573	VV	2261	37600	0.23%	0.012%	
131	11.598	11.573	11.647	VV	2517	50697	0.31%	0.016%	
132	11.673	11.647	11.698	VV	1604	26361	0.16%	0.008%	
133	11.746	11.698	11.808	VV	759808	8735062	53.87%	2.754%	
134	11.823	11.808	11.879	VV	1046	26526	0.16%	0.008%	
135	11.905	11.879	11.924	VV	493	8849	0.05%	0.003%	
136	11.938	11.924	11.998	VV	390	7818	0.05%	0.002%	
137	12.071	11.998	12.128	VV	540895	5612720	34.61%	1.769%	
138	12.160	12.128	12.181	VV	729	18692	0.12%	0.006%	
139	12.205	12.181	12.216	VV	998	14793	0.09%	0.005%	
140	12.227	12.216	12.247	VV	1034	13836	0.09%	0.004%	
141	12.260	12.247	12.278	VV	573	7314	0.05%	0.002%	

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142	12.292	12.278	12.326	VV	742	11436	0.07%	0.004%	
143	12.352	12.326	12.377	VV	522	8494			
144	12.411	12.377	12.454	VV	1136	25636			
145	12.476	12.454	12.492	VV	467	6288			
146	12.510	12.492	12.556	VV	631	8944			
147	12.588	12.556	12.608	VV	99	1196			
148	12.660	12.608	12.731	PV	16539	185198	1.14%	0.058%	
149	12.752	12.731	12.769	VV	1075	14977	0.09%	0.005%	
150	12.783	12.769	12.834	VV	751	17987	0.11%	0.006%	
151	12.881	12.834	12.930	VV	2241	40752	0.25%	0.013%	
152	12.953	12.930	12.970	VV	477	7737	0.05%	0.002%	
153	12.997	12.970	13.024	VV	836	16178	0.10%	0.005%	
154	13.062	13.024	13.098	VV	790223	9174897	56.58%	2.892%	
155	13.138	13.098	13.261	VV	694498	7889138	48.65%	2.487%	
156	13.268	13.261	13.290	VV	446	5574	0.03%	0.002%	
157	13.320	13.290	13.360	VV	5859	75302	0.46%	0.024%	
158	13.371	13.360	13.388	VV	255	3154	0.02%	0.001%	
159	13.439	13.388	13.471	VV	668834	7858418	48.46%	2.477%	
160	13.507	13.471	13.568	VV	399580	4759747	29.35%	1.500%	
161	13.576	13.568	13.596	VV	986	13912	0.09%	0.004%	
162	13.614	13.596	13.635	VV	968	17133	0.11%	0.005%	
163	13.675	13.635	13.843	VV	734588	8765174	54.05%	2.763%	
164	13.872	13.843	13.895	VV	386	6894	0.04%	0.002%	
165	13.904	13.895	13.968	VV	239	5510	0.03%	0.002%	
166	13.977	13.968	13.998	VV	152	1390	0.01%	0.000%	
167	14.018	13.998	14.031	PV	347	4023	0.02%	0.001%	
168	14.050	14.031	14.069	VV	850	12353	0.08%	0.004%	
169	14.101	14.069	14.144	VV	1500	27093	0.17%	0.009%	
170	14.211	14.144	14.225	VV	1430	28854	0.18%	0.009%	
171	14.263	14.225	14.368	VV	703856	8549533	52.72%	2.695%	
172	14.391	14.368	14.416	VV	512	7728	0.05%	0.002%	
173	14.443	14.416	14.531	VV	1210	22369	0.14%	0.007%	
174	14.587	14.531	14.601	VV	86	1583	0.01%	0.000%	
175	14.629	14.601	14.641	PV	231	3203	0.02%	0.001%	
176	14.663	14.641	14.681	VV	940	16408	0.10%	0.005%	
177	14.698	14.681	14.727	VV	1136	18126	0.11%	0.006%	
178	14.762	14.727	14.804	VV	705	15699	0.10%	0.005%	
179	14.824	14.804	14.851	VV	1439	21474	0.13%	0.007%	
180	14.860	14.851	14.881	VV	574	7100	0.04%	0.002%	
181	14.897	14.881	14.915	VV	568	7932	0.05%	0.003%	
182	14.929	14.915	14.961	VV	333	5442	0.03%	0.002%	
183	14.974	14.961	15.001	VV	207	2169	0.01%	0.001%	
184	15.050	15.001	15.082	PV	340	8006	0.05%	0.003%	
185	15.110	15.082	15.163	VV	190	5608	0.03%	0.002%	
186	15.202	15.163	15.274	PV	7053	98540	0.61%	0.031%	
187	15.327	15.274	15.345	VV	597186	7771057	47.92%	2.450%	
188	15.370	15.345	15.541	VV	1319492	16216420	100.00%	5.112%	
189	15.557	15.541	15.575	VV	898	16371	0.10%	0.005%	
190	15.584	15.575	15.618	VV	687	14132	0.09%	0.004%	
191	15.627	15.618	15.664	VV	470	10862	0.07%	0.003%	
192	15.671	15.664	15.683	VV	320	3611	0.02%	0.001%	
193	15.749	15.683	15.828	VV	17412	392267	2.42%	0.124%	
194	15.841	15.828	15.863	VV	1338	22821	0.14%	0.007%	

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195	15.887	15.863	15.925	VV	3359	60823	0.38%	0.019%
196	15.968	15.925	16.029	VV	6240	98932		
197	16.039	16.029	16.058	VV	283	3526		
198	16.085	16.058	16.101	VV	210	3871		
199	16.160	16.101	16.171	VV	222	6685		
200	16.186	16.171	16.194	VV	184	1957		
201	16.281	16.194	16.314	VV	727	24691	0.15%	0.008%
202	16.395	16.314	16.441	VV	59952	7648481	47.17%	2.411%
203	16.455	16.441	16.497	VV	886	14217	0.09%	0.004%
204	16.519	16.497	16.558	VV	282	5759	0.04%	0.002%
205	16.599	16.558	16.648	VV	1359	20426	0.13%	0.006%
206	16.655	16.648	16.664	PV	98	503	0.00%	0.000%
207	16.693	16.664	16.721	VV	405	6734	0.04%	0.002%
208	16.775	16.721	16.818	PV	1517	37902	0.23%	0.012%
209	16.895	16.818	16.911	VV	509470	8666837	53.44%	2.732%
210	16.928	16.911	17.113	VV	723395	8769935	54.08%	2.765%
211	17.139	17.113	17.197	VV	4497	86769	0.54%	0.027%
212	17.222	17.197	17.231	VV	1110	17543	0.11%	0.006%
213	17.278	17.231	17.310	VV	597016	8182405	50.46%	2.579%
214	17.345	17.310	17.571	VV	558387	7858495	48.46%	2.477%
215	17.602	17.571	17.649	VV	844	34834	0.21%	0.011%
216	17.729	17.649	17.754	VV	1127	51872	0.32%	0.016%
217	17.793	17.754	17.854	VV	9657	162566	1.00%	0.051%
218	17.879	17.854	17.948	VV	1119	20526	0.13%	0.006%
219	18.024	17.948	18.048	VV	458	8937	0.06%	0.003%
220	18.123	18.048	18.153	PV	6120	96830	0.60%	0.031%
221	18.236	18.153	18.297	VV	541303	7622451	47.00%	2.403%
222	18.322	18.297	18.361	VV	4964	92823	0.57%	0.029%
223	18.395	18.361	18.410	VV	1036	22678	0.14%	0.007%
224	18.436	18.410	18.455	VV	1066	21271	0.13%	0.007%
225	18.477	18.455	18.526	VV	813	20161	0.12%	0.006%
226	18.651	18.526	18.667	PV	350196	5403002	33.32%	1.703%
227	18.687	18.667	18.864	VV	423837	7767520	47.90%	2.449%
228	18.907	18.864	19.031	VV	291008	5654777	34.87%	1.783%
229	19.069	19.031	19.144	VV	547798	8252288	50.89%	2.601%
230	19.165	19.144	19.209	VV	9899	298651	1.84%	0.094%
231	19.225	19.209	19.284	VV	6176	249335	1.54%	0.079%
232	19.294	19.284	19.304	VV	4824	55423	0.34%	0.017%
233	19.323	19.304	19.338	VV	4958	96291	0.59%	0.030%
234	19.365	19.338	19.388	VV	4737	136966	0.84%	0.043%
235	19.463	19.388	19.523	VV	17700	595868	3.67%	0.188%
236	19.560	19.523	19.571	VV	4809	133040	0.82%	0.042%
237	19.579	19.571	19.591	VV	4659	53550	0.33%	0.017%
238	19.625	19.591	19.638	VV	5029	131122	0.81%	0.041%
239	19.667	19.638	19.691	VV	5093	150630	0.93%	0.047%
240	19.714	19.691	19.729	VV	5217	110280	0.68%	0.035%
241	19.766	19.729	19.795	VV	5267	195374	1.20%	0.062%
242	19.854	19.795	19.918	VV	567470	8272404	51.01%	2.608%
243	19.924	19.918	19.943	VV	7897	111027	0.68%	0.035%
244	19.962	19.943	19.999	VV	6758	210186	1.30%	0.066%
245	20.037	19.999	20.068	VV	6214	241125	1.49%	0.076%
246	20.092	20.068	20.108	VV	6079	137853	0.85%	0.043%

Instrument :

FID_E

ClientSampleId :

FREEZE-PIT-SAMPLES MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/17/2025

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rteres									
247	20.138	20.108	20.171	VV	6914	239701	1.48%	0.076%	
248	20.224	20.171	20.273	VV	17114	565833			
249	20.287	20.273	20.304	VV	6698	123910			
250	20.333	20.304	20.361	VV	6945	230663			
251	20.485	20.361	20.535	VV	10395	901089			
252	20.596	20.535	20.654	VV	570730	8621978	53.97%	0.203%	
253	20.732	20.654	20.749	VV	14802	644161	1.90%	0.097%	
254	20.762	20.749	20.792	VV	13624	308075	2.12%	0.108%	
255	20.834	20.792	20.849	VV	10282	343011			
256	20.868	20.849	20.891	VV	10176	252043	1.55%	0.079%	
257	20.919	20.891	20.927	VV	10184	221052	1.36%	0.070%	
258	20.959	20.927	21.014	VV	14022	576234	3.55%	0.182%	
259	21.023	21.014	21.028	VV	9621	80466	0.50%	0.025%	
260	21.126	21.028	21.175	VV	10169	862072	5.32%	0.272%	
261	21.217	21.175	21.233	VV	10164	342800	2.11%	0.108%	
262	21.282	21.233	21.318	VV	10100	505901	3.12%	0.159%	
263	21.372	21.318	21.571	VV	440775	9534045	58.79%	3.005%	
264	21.575	21.571	21.588	VV	7461	76362	0.47%	0.024%	
265	21.606	21.588	21.635	VV	7417	202985	1.25%	0.064%	
266	21.642	21.635	21.649	VV	7142	59907	0.37%	0.019%	
267	21.660	21.649	21.674	VV	7048	105521	0.65%	0.033%	
268	21.702	21.674	21.731	VV	7075	230400	1.42%	0.073%	
269	21.826	21.731	21.897	VV	8705	694616	4.28%	0.219%	
270	21.921	21.897	21.968	VV	6063	246691	1.52%	0.078%	
271	21.973	21.968	21.986	VV	5642	62141	0.38%	0.020%	
272	21.999	21.986	22.126	VV	5560	420277	2.59%	0.132%	
273	22.178	22.126	22.238	VV	4512	288280	1.78%	0.091%	
274	22.251	22.238	22.281	VV	3668	90798	0.56%	0.029%	
275	22.356	22.281	22.514	VV	306841	8300715	51.19%	2.617%	

Sum of corrected areas: 317232965

Aliphatic EPH 082925.M Wed Sep 17 02:11:21 2025

Instrument :
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