

rteres

Instrument :

FID_E

ClientSampleId :

FREEZE-PIT-SAMPLES MSD

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 : FE055856.D
Signal(s) : FID1B.ch
Acq On : 16 Sep 2025 18:55
Sample : Q3105-01MSD
Misc :
ALS Vial : 12 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	2.829	2.805	2.875	PV	78778	1136878	7.10%	0.359%
2	2.888	2.875	2.946	PV	763	4424	0.03%	0.001%
3	2.954	2.946	2.985	PV	104	2290	0.01%	0.001%
4	2.992	2.985	3.015	VV	126	1956	0.01%	0.001%
5	3.048	3.015	3.076	PV	284	5520	0.03%	0.002%
6	3.107	3.076	3.168	VV	3424	37377	0.23%	0.012%
7	3.194	3.168	3.246	VV	338	6729	0.04%	0.002%
8	3.261	3.246	3.270	VV	369	3523	0.02%	0.001%
9	3.282	3.270	3.371	VV	436	12493	0.08%	0.004%
10	3.411	3.371	3.544	PV	490785	4869258	30.43%	1.536%
11	3.559	3.544	3.577	VV	412	5619	0.04%	0.002%
12	3.595	3.577	3.609	VV	351	5172	0.03%	0.002%
13	3.627	3.609	3.687	VV	316	10360	0.06%	0.003%
14	3.699	3.687	3.716	VV	222	2751	0.02%	0.001%
15	3.729	3.716	3.740	VV	318	3190	0.02%	0.001%
16	3.768	3.740	3.824	VV	1274	25811	0.16%	0.008%
17	3.846	3.824	3.860	VV	459	6020	0.04%	0.002%
18	3.883	3.860	3.965	VV	5928	64029	0.40%	0.020%
19	3.999	3.965	4.045	VV	4935	49232	0.31%	0.016%
20	4.052	4.045	4.059	VV	114	795	0.00%	0.000%
21	4.097	4.059	4.114	VV	362	6196	0.04%	0.002%
22	4.126	4.114	4.150	VV	192	1809	0.01%	0.001%
23	4.161	4.150	4.171	PV	72	317	0.00%	0.000%
24	4.205	4.171	4.245	PV	475	7868	0.05%	0.002%
25	4.261	4.245	4.293	VV	220	4341	0.03%	0.001%
26	4.320	4.293	4.332	VV	185	3419	0.02%	0.001%
27	4.340	4.332	4.350	VV	91	898	0.01%	0.000%
28	4.394	4.350	4.425	VV	453	10269	0.06%	0.003%
29	4.433	4.425	4.451	VV	201	2978	0.02%	0.001%
30	4.454	4.451	4.545	VV	250	8646	0.05%	0.003%
31	4.561	4.545	4.595	VV	243	5064	0.03%	0.002%
32	4.604	4.595	4.631	VV	221	3809	0.02%	0.001%
33	4.669	4.631	4.689	VV	581989	5584695	34.90%	1.762%
34	4.709	4.689	4.763	VV	597768	5919951	36.99%	1.868%
35	4.781	4.763	4.808	VV	6161	77107	0.48%	0.024%
36	4.828	4.808	4.935	VV	9629	125941	0.79%	0.040%

Client Sampled : FREEZE-PIT-SAMPLE							Manual Integration :	
37	4.952	4.935	4.967	VV	521	8178	0.05%	0.003%
38	4.979	4.967	5.005	VV	497	8345	0.05%	0.003%
39	5.032	5.005	5.125	VV	372	21072	0.05%	0.003%
40	5.134	5.125	5.157	VV	288	4569	0.05%	0.003%
41	5.189	5.157	5.211	VV	283	7096	0.05%	0.003%
42	5.217	5.211	5.230	VV	218	1929	0.05%	0.003%
43	5.259	5.230	5.298	VV	228	7532	0.05%	0.002%
44	5.326	5.298	5.352	VV	315	7591	0.05%	0.002%
45	5.381	5.352	5.418	VV	318	9289	0.06%	0.003%
46	5.424	5.418	5.455	VV	263	4017	0.03%	0.001%
47	5.463	5.455	5.484	VV	240	3021	0.02%	0.001%
48	5.493	5.484	5.546	VV	218	5574	0.03%	0.002%
49	5.554	5.546	5.565	VV	110	1335	0.01%	0.000%
50	5.615	5.565	5.637	VV	464	9851	0.06%	0.003%
51	5.649	5.637	5.678	VV	192	3376	0.02%	0.001%
52	5.690	5.678	5.723	VV	150	1930	0.01%	0.001%
53	5.754	5.723	5.786	PV	148	3545	0.02%	0.001%
54	5.808	5.786	5.832	VV	1743	18709	0.12%	0.006%
55	5.850	5.832	5.911	VV	704	15141	0.09%	0.005%
56	5.927	5.911	5.970	VV	337	6964	0.04%	0.002%
57	5.989	5.970	6.006	VV	188	3116	0.02%	0.001%
58	6.014	6.006	6.030	VV	149	1603	0.01%	0.001%
59	6.057	6.030	6.095	VV	236	5052	0.03%	0.002%
60	6.126	6.095	6.157	VV	455	7576	0.05%	0.002%
61	6.176	6.157	6.212	VV	399	6656	0.04%	0.002%
62	6.219	6.212	6.257	VV	112	2590	0.02%	0.001%
63	6.282	6.257	6.311	VV	167	3535	0.02%	0.001%
64	6.386	6.311	6.530	VV	692756	6849167	42.80%	2.161%
65	6.549	6.530	6.632	VV	1066	42358	0.26%	0.013%
66	6.641	6.632	6.660	VV	565	8778	0.05%	0.003%
67	6.681	6.660	6.749	VV	691	26300	0.16%	0.008%
68	6.760	6.749	6.798	VV	402	10650	0.07%	0.003%
69	6.843	6.798	6.903	VV	639481	6305398	39.40%	1.989%
70	6.921	6.903	6.972	VV	1364	32472	0.20%	0.010%
71	6.995	6.972	7.048	VV	717	19238	0.12%	0.006%
72	7.051	7.048	7.108	VV	288	6747	0.04%	0.002%
73	7.138	7.108	7.161	VV	285	5563	0.03%	0.002%
74	7.172	7.161	7.201	VV	228	4054	0.03%	0.001%
75	7.208	7.201	7.226	VV	205	2192	0.01%	0.001%
76	7.252	7.226	7.297	VV	545	12833	0.08%	0.004%
77	7.333	7.297	7.368	VV	5133	65214	0.41%	0.021%
78	7.389	7.368	7.443	VV	14139	151136	0.94%	0.048%
79	7.487	7.443	7.604	VV	663958	6714706	41.96%	2.118%
80	7.625	7.604	7.661	VV	2871	51936	0.32%	0.016%
81	7.684	7.661	7.736	VV	2884	65573	0.41%	0.021%
82	7.761	7.736	7.778	VV	1487	22080	0.14%	0.007%
83	7.792	7.778	7.817	VV	2494	29870	0.19%	0.009%
84	7.846	7.817	7.875	VV	703	15759	0.10%	0.005%
85	7.883	7.875	7.950	VV	443	9633	0.06%	0.003%
86	7.973	7.950	7.998	VV	744	10361	0.06%	0.003%
87	8.018	7.998	8.067	VV	295	6837	0.04%	0.002%
88	8.113	8.067	8.199	VV	629074	6200430	38.75%	1.956%
89	8.207	8.199	8.347	VV	1459	68553	0.43%	0.022%

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90	8.369	8.347	8.398	VV	2780	34056	0.21%	0.011%
91	8.427	8.398	8.513	VV	1737	32642		
92	8.535	8.513	8.554	VV	486	7969		
93	8.588	8.554	8.619	VV	712	18432		
94	8.681	8.619	8.750	VV	680686	7003820	43	
95	8.797	8.750	8.895	VV	768332	7791028	48	
96	8.909	8.895	8.959	VV	1119	23471	0.15%	0.007%
97	8.998	8.959	9.068	VV	406621	4244242	26.52%	1.339%
98	9.099	9.068	9.201	VV	791692	7985113	49.90%	2.519%
99	9.217	9.201	9.254	VV	1080	22758	0.14%	0.007%
100	9.276	9.254	9.300	VV	557	12983	0.08%	0.004%
101	9.314	9.300	9.355	VV	572	12809	0.08%	0.004%
102	9.373	9.355	9.391	VV	1253	17571	0.11%	0.006%
103	9.412	9.391	9.483	VV	1641	41438	0.26%	0.013%
104	9.508	9.483	9.538	VV	1788	25993	0.16%	0.008%
105	9.546	9.538	9.558	VV	307	3350	0.02%	0.001%
106	9.571	9.558	9.621	VV	281	6800	0.04%	0.002%
107	9.692	9.621	9.719	VV	337	8128	0.05%	0.003%
108	9.752	9.719	9.762	PV	259	3425	0.02%	0.001%
109	9.770	9.762	9.791	VV	229	2653	0.02%	0.001%
110	9.810	9.791	9.830	VV	355	4368	0.03%	0.001%
111	9.892	9.830	10.010	VV	772416	8211811	51.32%	2.591%
112	10.030	10.010	10.050	VV	923	17024	0.11%	0.005%
113	10.071	10.050	10.084	VV	2944	35514	0.22%	0.011%
114	10.104	10.084	10.141	VV	11672	143085	0.89%	0.045%
115	10.166	10.141	10.257	VV	31856	411180	2.57%	0.130%
116	10.295	10.257	10.328	VV	735934	7908807	49.42%	2.495%
117	10.338	10.328	10.377	VV	2001	34260	0.21%	0.011%
118	10.395	10.377	10.438	VV	716	14759	0.09%	0.005%
119	10.458	10.438	10.523	VV	252	5870	0.04%	0.002%
120	10.580	10.523	10.609	VV	542	7626	0.05%	0.002%
121	10.641	10.609	10.666	PV	1724	20889	0.13%	0.007%
122	10.685	10.666	10.759	VV	363	13691	0.09%	0.004%
123	10.775	10.759	10.798	VV	219	3176	0.02%	0.001%
124	10.820	10.798	10.859	VV	381	5306	0.03%	0.002%
125	10.884	10.859	10.928	VV	260	7765	0.05%	0.002%
126	10.960	10.928	10.977	VV	731	14055	0.09%	0.004%
127	10.993	10.977	11.018	VV	817	13101	0.08%	0.004%
128	11.036	11.018	11.075	VV	968	14659	0.09%	0.005%
129	11.106	11.075	11.213	VV	6345	86315	0.54%	0.027%
130	11.307	11.213	11.348	PV	744273	8015806	50.09%	2.529%
131	11.383	11.348	11.523	VV	729062	8016252	50.09%	2.529%
132	11.544	11.523	11.573	VV	2162	34625	0.22%	0.011%
133	11.598	11.573	11.651	VV	2501	49754	0.31%	0.016%
134	11.673	11.651	11.697	VV	1549	24404	0.15%	0.008%
135	11.746	11.697	11.802	VV	716056	8350472	52.18%	2.634%
136	11.820	11.802	11.878	VV	951	27418	0.17%	0.009%
137	11.903	11.878	11.924	VV	447	8281	0.05%	0.003%
138	11.935	11.924	11.988	VV	395	6723	0.04%	0.002%
139	12.070	11.988	12.128	VV	496137	5346619	33.41%	1.687%
140	12.163	12.128	12.185	VV	627	18544	0.12%	0.006%
141	12.207	12.185	12.219	VV	953	14750	0.09%	0.005%

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142	12.227	12.219	12.248	VV	874	10480	0.07%	0.003%
143	12.261	12.248	12.273	VV	588	5844	0.00%	0.000%
144	12.292	12.273	12.326	VV	661	10556	0.00%	0.000%
145	12.350	12.326	12.378	PV	440	7628	0.00%	0.000%
146	12.411	12.378	12.453	VV	1193	24859	0.00%	0.000%
147	12.476	12.453	12.495	VV	429	6952	0.00%	0.000%
148	12.509	12.495	12.556	VV	553	7996	0.05%	0.003%
149	12.580	12.556	12.606	PV	136	1078	0.01%	0.000%
150	12.659	12.606	12.699	PV	15590	162779	1.02%	0.051%
151	12.707	12.699	12.735	VV	670	9808	0.06%	0.003%
152	12.753	12.735	12.769	VV	1033	13628	0.09%	0.004%
153	12.782	12.769	12.831	VV	674	16116	0.10%	0.005%
154	12.881	12.831	12.935	VV	2092	37735	0.24%	0.012%
155	12.951	12.935	12.971	VV	492	6351	0.04%	0.002%
156	12.998	12.971	13.021	VV	760	14114	0.09%	0.004%
157	13.061	13.021	13.098	VV	765353	8708486	54.42%	2.747%
158	13.137	13.098	13.245	VV	692996	7805086	48.77%	2.462%
159	13.255	13.245	13.295	VV	412	9780	0.06%	0.003%
160	13.320	13.295	13.357	VV	6208	74098	0.46%	0.023%
161	13.372	13.357	13.389	VV	229	3311	0.02%	0.001%
162	13.439	13.389	13.472	VV	667283	7811109	48.81%	2.464%
163	13.506	13.472	13.561	VV	371339	4522856	28.26%	1.427%
164	13.580	13.561	13.597	VV	978	17367	0.11%	0.005%
165	13.617	13.597	13.634	VV	985	16746	0.10%	0.005%
166	13.675	13.634	13.779	VV	707391	8317638	51.98%	2.624%
167	13.789	13.779	13.825	VV	251	4503	0.03%	0.001%
168	13.873	13.825	13.939	VV	379	12529	0.08%	0.004%
169	13.954	13.939	13.968	VV	131	1798	0.01%	0.001%
170	13.982	13.968	14.001	VV	136	1219	0.01%	0.000%
171	14.020	14.001	14.030	PV	276	3658	0.02%	0.001%
172	14.051	14.030	14.068	VV	909	12528	0.08%	0.004%
173	14.101	14.068	14.145	VV	1390	28845	0.18%	0.009%
174	14.210	14.145	14.225	VV	1413	30003	0.19%	0.009%
175	14.263	14.225	14.368	VV	673560	8144994	50.90%	2.569%
176	14.388	14.368	14.420	VV	443	8148	0.05%	0.003%
177	14.442	14.420	14.465	VV	1143	14498	0.09%	0.005%
178	14.482	14.465	14.515	VV	250	5452	0.03%	0.002%
179	14.558	14.515	14.606	VV	121	3323	0.02%	0.001%
180	14.661	14.606	14.681	VV	937	19892	0.12%	0.006%
181	14.699	14.681	14.725	VV	1069	18368	0.11%	0.006%
182	14.763	14.725	14.801	VV	742	17323	0.11%	0.005%
183	14.824	14.801	14.846	VV	1487	21170	0.13%	0.007%
184	14.861	14.846	14.878	VV	631	9186	0.06%	0.003%
185	14.897	14.878	14.917	VV	661	10276	0.06%	0.003%
186	14.930	14.917	15.001	VV	329	9385	0.06%	0.003%
187	15.057	15.001	15.081	PV	330	7275	0.05%	0.002%
188	15.202	15.081	15.277	VV	6341	96590	0.60%	0.030%
189	15.326	15.277	15.344	VV	604295	7856111	49.09%	2.478%
190	15.370	15.344	15.538	VV	1298535	16002713	100.00%	5.048%
191	15.551	15.538	15.661	VV	779	33522	0.21%	0.011%
192	15.668	15.661	15.676	VV	215	1863	0.01%	0.001%
193	15.696	15.676	15.713	VV	239	4687	0.03%	0.001%
194	15.748	15.713	15.826	VV	17630	374670	2.34%	0.118%

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195	15.843	15.826	15.862	VV	1290	22682	0.14%	0.007%
196	15.887	15.862	15.926	VV	3456	59323		
197	15.968	15.926	16.071	VV	6393	101923		
198	16.077	16.071	16.091	VV	88	848		
199	16.148	16.091	16.165	VV	192	4014		
200	16.170	16.165	16.178	VV	78	595		
201	16.279	16.178	16.326	PV	505	21628	0.14%	0.007%
202	16.395	16.326	16.441	VV	581027	7518653	46.98%	2.372%
203	16.457	16.441	16.501	VV	888	13770	0.09%	0.004%
204	16.519	16.501	16.545	VV	252	3604	0.02%	0.001%
205	16.556	16.545	16.561	PV	99	681	0.00%	0.000%
206	16.599	16.561	16.628	VV	1325	18737	0.12%	0.006%
207	16.638	16.628	16.653	VV	116	925	0.01%	0.000%
208	16.697	16.653	16.726	PV	454	7743	0.05%	0.002%
209	16.775	16.726	16.815	PV	1612	36480	0.23%	0.012%
210	16.894	16.815	16.909	VV	532572	8678984	54.23%	2.738%
211	16.929	16.909	17.113	VV	691521	8923237	55.76%	2.815%
212	17.139	17.113	17.201	VV	4608	94643	0.59%	0.030%
213	17.222	17.201	17.231	VV	1149	18156	0.11%	0.006%
214	17.277	17.231	17.310	VV	599339	8329311	52.05%	2.628%
215	17.345	17.310	17.599	VV	556717	7878150	49.23%	2.485%
216	17.608	17.599	17.653	VV	885	24157	0.15%	0.008%
217	17.689	17.653	17.705	VV	932	23727	0.15%	0.007%
218	17.723	17.705	17.751	VV	1120	26557	0.17%	0.008%
219	17.792	17.751	17.853	VV	9801	163894	1.02%	0.052%
220	17.878	17.853	17.903	VV	1103	19219	0.12%	0.006%
221	17.931	17.903	17.957	VV	320	8691	0.05%	0.003%
222	18.019	17.957	18.058	VV	446	11804	0.07%	0.004%
223	18.123	18.058	18.154	PV	6323	96349	0.60%	0.030%
224	18.236	18.154	18.295	VV	559317	7590289	47.43%	2.394%
225	18.322	18.295	18.369	VV	4849	85021	0.53%	0.027%
226	18.394	18.369	18.410	VV	640	10620	0.07%	0.003%
227	18.434	18.410	18.455	VV	944	15963	0.10%	0.005%
228	18.478	18.455	18.531	VV	682	18076	0.11%	0.006%
229	18.653	18.531	18.668	VV	404190	6645076	41.52%	2.096%
230	18.688	18.668	18.861	VV	480309	8725700	54.53%	2.753%
231	18.910	18.861	19.028	VV	384805	7117891	44.48%	2.245%
232	19.069	19.028	19.131	VV	536031	8192599	51.20%	2.584%
233	19.164	19.131	19.207	VV	10097	357948	2.24%	0.113%
234	19.226	19.207	19.275	VV	6259	225877	1.41%	0.071%
235	19.284	19.275	19.298	VV	4666	63211	0.40%	0.020%
236	19.321	19.298	19.346	VV	4824	132796	0.83%	0.042%
237	19.362	19.346	19.401	VV	4608	141633	0.89%	0.045%
238	19.462	19.401	19.513	VV	16242	507643	3.17%	0.160%
239	19.564	19.513	19.588	VV	4550	202207	1.26%	0.064%
240	19.614	19.588	19.634	VV	4744	126603	0.79%	0.040%
241	19.666	19.634	19.689	VV	5253	154848	0.97%	0.049%
242	19.715	19.689	19.734	VV	4880	122602	0.77%	0.039%
243	19.770	19.734	19.793	VV	4996	165960	1.04%	0.052%
244	19.853	19.793	19.946	VV	545490	8436914	52.72%	2.662%
245	19.959	19.946	19.995	VV	6971	185288	1.16%	0.058%
246	20.040	19.995	20.062	VV	6117	233043	1.46%	0.074%

Instrument :
FID_E
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FREEZE-PIT-SAMPLES MSD

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/18/2025

247	20.097	20.062	20.108	VV	5757	155771	0.97%	0.049%
248	20.138	20.108	20.171	VV	6396	227333		
249	20.222	20.171	20.288	VV	15747	584700		
250	20.485	20.288	20.533	VV	9976	1146500		
251	20.595	20.533	20.667	VV	561012	8702621	54.06%	0.000%
252	20.679	20.667	20.694	VV	9788	154102		
253	20.734	20.694	20.749	VV	14150	389937	2.44%	0.123%
254	20.761	20.749	20.798	VV	13074	330386	2.06%	0.104%
255	20.838	20.798	20.855	VV	10102	338567	2.12%	0.107%
256	20.864	20.855	20.891	VV	10001	211246	1.32%	0.067%
257	20.922	20.891	20.930	VV	9818	226542	1.42%	0.071%
258	20.957	20.930	20.985	VV	12774	363519	2.27%	0.115%
259	21.074	20.985	21.159	VV	14724	1237733	7.73%	0.390%
260	21.274	21.159	21.311	VV	10307	900517	5.63%	0.284%
261	21.371	21.311	21.515	VV	456033	9402113	58.75%	2.966%
262	21.524	21.515	21.535	VV	8201	97919	0.61%	0.031%
263	21.547	21.535	21.585	VV	8121	238049	1.49%	0.075%
264	21.604	21.585	21.615	VV	7744	138840	0.87%	0.044%
265	21.650	21.615	21.667	VV	7693	239219	1.49%	0.075%
266	21.704	21.667	21.785	VV	7695	510753	3.19%	0.161%
267	21.822	21.785	21.885	VV	8249	429900	2.69%	0.136%
268	21.952	21.885	21.976	VV	6561	348180	2.18%	0.110%
269	21.988	21.976	21.998	VV	6313	83892	0.52%	0.026%
270	22.010	21.998	22.024	VV	6215	96398	0.60%	0.030%
271	22.032	22.024	22.105	VV	6117	273697	1.71%	0.086%
272	22.159	22.105	22.266	VV	5466	491815	3.07%	0.155%
273	22.355	22.266	22.508	VV	328220	8609983	53.80%	2.716%
Sum of corrected areas:						316992811		

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Manual IntegrationsAPPROVED

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Aliphatic EPH 082925.M Wed Sep 17 02:12:45 2025