

Instrument :

FID_E

ClientSampleId :

TP-1MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11052
Data File : FE056675.D
Signal(s) : FID1B.ch
Acq On : 05 Nov 2025 16:37
Sample : Q3532-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Yogesh Patel 11/06/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.641	2.575	2.724	BV	17883	199557	1.64%	0.081%
2	2.749	2.724	2.850	PV	29851	473805	3.90%	0.192%
3	2.867	2.850	2.938	VV	511	14833	0.12%	0.006%
4	2.962	2.938	2.987	VV	299	4904	0.04%	0.002%
5	3.024	2.987	3.077	VV	5535	63966	0.53%	0.026%
6	3.099	3.077	3.149	VV	258	6083	0.05%	0.002%
7	3.192	3.149	3.255	PV	220	3684	0.03%	0.001%
8	3.262	3.255	3.271	PV	137	830	0.01%	0.000%
9	3.323	3.271	3.435	VV	380262	3768672	31.01%	1.524%
10	3.464	3.435	3.491	VV	593	16679	0.14%	0.007%
11	3.507	3.491	3.526	VV	502	9110	0.07%	0.004%
12	3.538	3.526	3.553	VV	469	6341	0.05%	0.003%
13	3.566	3.553	3.592	VV	451	7204	0.06%	0.003%
14	3.605	3.592	3.614	VV	361	3674	0.03%	0.001%
15	3.638	3.614	3.649	VV	429	7831	0.06%	0.003%
16	3.656	3.649	3.680	VV	476	6440	0.05%	0.003%
17	3.695	3.680	3.709	VV	530	6724	0.06%	0.003%
18	3.717	3.709	3.745	VV	356	6572	0.05%	0.003%
19	3.766	3.745	3.788	VV	667	11531	0.09%	0.005%
20	3.807	3.788	3.890	VV	3677	65048	0.54%	0.026%
21	3.927	3.890	3.992	VV	2091	50215	0.41%	0.020%
22	4.011	3.992	4.081	VV	586	21296	0.18%	0.009%
23	4.093	4.081	4.101	VV	350	3989	0.03%	0.002%
24	4.118	4.101	4.131	VV	480	7149	0.06%	0.003%
25	4.150	4.131	4.201	VV	539	14520	0.12%	0.006%
26	4.227	4.201	4.283	VV	554	16121	0.13%	0.007%
27	4.312	4.283	4.341	VV	444	12113	0.10%	0.005%
28	4.353	4.341	4.377	VV	362	6975	0.06%	0.003%
29	4.404	4.377	4.444	VV	419	11917	0.10%	0.005%
30	4.471	4.444	4.500	VV	378	10310	0.08%	0.004%
31	4.515	4.500	4.545	VV	362	8001	0.07%	0.003%
32	4.577	4.545	4.597	VV	446853	4202542	34.58%	1.700%
33	4.617	4.597	4.672	VV	497941	4863998	40.03%	1.968%
34	4.690	4.672	4.716	VV	5418	77245	0.64%	0.031%
35	4.737	4.716	4.850	VV	6936	129863	1.07%	0.053%
36	4.860	4.850	4.875	VV	579	8262	0.07%	0.003%

					retention				
37	4.885	4.875	4.935	VV	588	16596	0.14%	0.007%	
38	4.941	4.935	5.068	VV	421	28113			
39	5.084	5.068	5.110	VV	379	7278			
40	5.118	5.110	5.175	VV	250	8857			
41	5.185	5.175	5.221	VV	209	5270			
42	5.236	5.221	5.281	VV	285	7516			
43	5.288	5.281	5.307	VV	241	3177	0.03%	0.001%	
44	5.346	5.307	5.352	VV	248	5496	0.05%	0.002%	
45	5.359	5.352	5.395	VV	219	5069	0.04%	0.002%	
46	5.398	5.395	5.411	VV	240	1770	0.01%	0.001%	
47	5.424	5.411	5.448	VV	216	3748	0.03%	0.002%	
48	5.464	5.448	5.477	VV	190	2735	0.02%	0.001%	
49	5.491	5.477	5.521	VV	193	4042	0.03%	0.002%	
50	5.554	5.521	5.617	VV	292	12212	0.10%	0.005%	
51	5.645	5.617	5.658	VV	228	3604	0.03%	0.001%	
52	5.663	5.658	5.690	VV	167	2193	0.02%	0.001%	
53	5.716	5.690	5.814	VV	1552	23507	0.19%	0.010%	
54	5.827	5.814	5.851	VV	216	3010	0.02%	0.001%	
55	5.855	5.851	5.886	VV	174	2713	0.02%	0.001%	
56	5.901	5.886	5.916	VV	147	2201	0.02%	0.001%	
57	5.924	5.916	5.955	VV	110	2220	0.02%	0.001%	
58	5.968	5.955	5.978	VV	132	1254	0.01%	0.001%	
59	5.981	5.978	5.991	VV	167	723	0.01%	0.000%	
60	6.021	5.991	6.053	VV	190	5038	0.04%	0.002%	
61	6.078	6.053	6.097	VV	241	4390	0.04%	0.002%	
62	6.120	6.097	6.159	VV	202	5604	0.05%	0.002%	
63	6.174	6.159	6.221	VV	154	3033	0.02%	0.001%	
64	6.239	6.221	6.265	VV	130	1659	0.01%	0.001%	
65	6.292	6.265	6.443	PV	511581	5321529	43.79%	2.153%	
66	6.457	6.443	6.581	VV	1706	82848	0.68%	0.034%	
67	6.624	6.581	6.716	VV	815	48577	0.40%	0.020%	
68	6.750	6.716	6.885	VV	488875	4815087	39.63%	1.948%	
69	6.905	6.885	6.928	VV	693	13513	0.11%	0.005%	
70	6.940	6.928	6.970	VV	475	10089	0.08%	0.004%	
71	6.987	6.970	7.007	VV	502	8478	0.07%	0.003%	
72	7.030	7.007	7.060	VV	545	13529	0.11%	0.005%	
73	7.074	7.060	7.101	VV	385	8171	0.07%	0.003%	
74	7.115	7.101	7.145	VV	338	7324	0.06%	0.003%	
75	7.160	7.145	7.181	VV	330	4986	0.04%	0.002%	
76	7.196	7.181	7.250	VV	346	8404	0.07%	0.003%	
77	7.298	7.250	7.355	VV	11967	161562	1.33%	0.065%	
78	7.393	7.355	7.516	VV	478562	5144387	42.34%	2.081%	
79	7.535	7.516	7.568	VV	2662	60697	0.50%	0.025%	
80	7.596	7.568	7.654	VV	3097	99006	0.81%	0.040%	
81	7.670	7.654	7.685	VV	1721	26207	0.22%	0.011%	
82	7.699	7.685	7.744	VV	1816	36361	0.30%	0.015%	
83	7.762	7.744	7.775	VV	932	14168	0.12%	0.006%	
84	7.789	7.775	7.857	VV	845	25467	0.21%	0.010%	
85	7.879	7.857	7.900	VV	905	14482	0.12%	0.006%	
86	7.917	7.900	7.971	VV	440	14011	0.12%	0.006%	
87	8.020	7.971	8.254	VV	608157	6320293	52.01%	2.557%	
88	8.276	8.254	8.307	VV	1182	27997	0.23%	0.011%	
89	8.331	8.307	8.425	VV	1035	41976	0.35%	0.017%	

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90	8.450	8.425	8.459	VV	486	8451	0.07%	0.003%
91	8.493	8.459	8.531	VV	601	18557		
92	8.587	8.531	8.668	VV	536307	5400867	44.89%	2.403%
93	8.701	8.668	8.875	VV	606970	6250598	51.24%	2.666%
94	8.904	8.875	8.971	VV	364678	4050023	33.05%	0.052%
95	9.001	8.971	9.273	VV	604618	6626587	54.24%	2.666%
96	9.302	9.273	9.310	VV	1075	22161	0.18%	0.009%
97	9.324	9.310	9.385	VV	1155	36581	0.30%	0.015%
98	9.415	9.385	9.493	VV	1705	45835	0.38%	0.019%
99	9.505	9.493	9.535	VV	504	9919	0.08%	0.004%
100	9.540	9.535	9.591	VV	403	11058	0.09%	0.004%
101	9.599	9.591	9.701	VV	320	12911	0.11%	0.005%
102	9.708	9.701	9.752	VV	94	2620	0.02%	0.001%
103	9.795	9.752	9.991	VV	585566	6591018	54.24%	2.666%
104	10.012	9.991	10.054	VV	7670	128035	1.05%	0.052%
105	10.080	10.054	10.166	VV	23406	436606	3.59%	0.177%
106	10.200	10.166	10.394	VV	543744	5940735	48.89%	2.403%
107	10.425	10.394	10.465	VV	1505	26311	0.22%	0.011%
108	10.496	10.465	10.518	VV	471	9999	0.08%	0.004%
109	10.551	10.518	10.619	VV	6014	89936	0.74%	0.036%
110	10.653	10.619	10.786	VV	550	26055	0.21%	0.011%
111	10.860	10.786	10.890	PV	193	7047	0.06%	0.003%
112	10.940	10.890	10.971	VV	702	11490	0.09%	0.005%
113	11.022	10.971	11.119	VV	3012	65574	0.54%	0.027%
114	11.209	11.119	11.256	VV	576495	6381035	52.51%	2.581%
115	11.286	11.256	11.429	VV	545626	6798768	55.95%	2.750%
116	11.450	11.429	11.533	VV	5534	153106	1.26%	0.062%
117	11.572	11.533	11.612	VV	1965	76411	0.63%	0.031%
118	11.649	11.612	11.710	VV	529614	5988578	49.28%	2.422%
119	11.728	11.710	11.785	VV	1280	39682	0.33%	0.016%
120	11.810	11.785	11.831	VV	656	15255	0.13%	0.006%
121	11.843	11.831	11.915	VV	593	18571	0.15%	0.008%
122	11.972	11.915	12.060	VV	576510	6106601	50.25%	2.470%
123	12.073	12.060	12.118	VV	957	26617	0.22%	0.011%
124	12.136	12.118	12.158	VV	852	15792	0.13%	0.006%
125	12.172	12.158	12.190	VV	532	8646	0.07%	0.003%
126	12.205	12.190	12.234	VV	444	8156	0.07%	0.003%
127	12.254	12.234	12.265	VV	234	3593	0.03%	0.001%
128	12.270	12.265	12.279	VV	162	1377	0.01%	0.001%
129	12.318	12.279	12.358	VV	675	15630	0.13%	0.006%
130	12.379	12.358	12.397	VV	423	5757	0.05%	0.002%
131	12.416	12.397	12.471	VV	425	8636	0.07%	0.003%
132	12.476	12.471	12.508	VV	89	1719	0.01%	0.001%
133	12.531	12.508	12.561	PV	182	2857	0.02%	0.001%
134	12.581	12.561	12.638	VV	17160	275329	2.27%	0.111%
135	12.647	12.638	12.675	VV	1873	33515	0.28%	0.014%
136	12.684	12.675	12.741	VV	1384	36137	0.30%	0.015%
137	12.751	12.741	12.760	VV	597	6331	0.05%	0.003%
138	12.786	12.760	12.824	VV	1691	35337	0.29%	0.014%
139	12.845	12.824	12.867	VV	664	13102	0.11%	0.005%
140	12.893	12.867	12.923	VV	749	16867	0.14%	0.007%
141	12.964	12.923	13.008	VV	505829	5944097	48.92%	2.404%

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rteres									
142	13.040	13.008	13.205	VV	552130	6510470	53.58%	2.634%	
143	13.228	13.205	13.275	VV	6376	97245			
144	13.283	13.275	13.303	VV	642	8993			
145	13.341	13.303	13.380	VV	564306	6345037	52.00%	2.634%	
146	13.411	13.380	13.505	VV	415681	5017428	41.00%	2.634%	
147	13.518	13.505	13.540	VV	1337	24820			
148	13.578	13.540	13.732	VV	519242	5883471	48.42%	2.380%	
149	13.746	13.732	13.768	VV	575	11100	0.09%	0.004%	
150	13.805	13.768	13.821	VV	587	13990	0.12%	0.006%	
151	13.850	13.821	13.898	VV	761	25139	0.21%	0.010%	
152	13.922	13.898	13.936	VV	558	10675	0.09%	0.004%	
153	13.954	13.936	13.973	VV	804	13449	0.11%	0.005%	
154	14.006	13.973	14.098	VV	1504	45081	0.37%	0.018%	
155	14.117	14.098	14.131	VV	904	13507	0.11%	0.005%	
156	14.167	14.131	14.251	VV	478710	5748074	47.30%	2.325%	
157	14.292	14.251	14.335	VV	2853	46728	0.38%	0.019%	
158	14.358	14.335	14.441	VV	1543	39164	0.32%	0.016%	
159	14.455	14.441	14.483	VV	415	8990	0.07%	0.004%	
160	14.494	14.483	14.515	VV	384	5629	0.05%	0.002%	
161	14.565	14.515	14.588	VV	1195	30718	0.25%	0.012%	
162	14.604	14.588	14.659	VV	1357	26996	0.22%	0.011%	
163	14.677	14.659	14.708	VV	490	11046	0.09%	0.004%	
164	14.728	14.708	14.758	VV	1486	22436	0.18%	0.009%	
165	14.795	14.758	14.814	VV	677	14007	0.12%	0.006%	
166	14.838	14.814	14.911	VV	556	18523	0.15%	0.007%	
167	14.929	14.911	14.972	VV	220	5988	0.05%	0.002%	
168	14.985	14.972	15.007	VV	322	4670	0.04%	0.002%	
169	15.017	15.007	15.035	VV	256	2777	0.02%	0.001%	
170	15.054	15.035	15.064	VV	211	2241	0.02%	0.001%	
171	15.125	15.064	15.181	VV	671	17703	0.15%	0.007%	
172	15.231	15.181	15.249	PV	471098	5838102	48.04%	2.362%	
173	15.274	15.249	15.445	VV	941403	12151401	100.00%	4.915%	
174	15.451	15.445	15.538	VV	1277	57218	0.47%	0.023%	
175	15.543	15.538	15.595	VV	708	19712	0.16%	0.008%	
176	15.602	15.595	15.619	VV	520	7092	0.06%	0.003%	
177	15.656	15.619	15.738	VV	21469	386988	3.18%	0.157%	
178	15.750	15.738	15.763	VV	682	9085	0.07%	0.004%	
179	15.792	15.763	15.836	VV	3085	56853	0.47%	0.023%	
180	15.867	15.836	15.961	VV	4614	74639	0.61%	0.030%	
181	15.987	15.961	16.033	VV	395	8582	0.07%	0.003%	
182	16.118	16.033	16.144	PV	220	8492	0.07%	0.003%	
183	16.179	16.144	16.230	VV	785	18289	0.15%	0.007%	
184	16.300	16.230	16.350	VV	424322	5428350	44.67%	2.196%	
185	16.367	16.350	16.378	VV	373	4833	0.04%	0.002%	
186	16.388	16.378	16.419	VV	307	4648	0.04%	0.002%	
187	16.428	16.419	16.445	VV	156	1165	0.01%	0.000%	
188	16.497	16.445	16.555	PV	1246	18247	0.15%	0.007%	
189	16.596	16.555	16.631	PV	454	10632	0.09%	0.004%	
190	16.678	16.631	16.716	VV	2257	43033	0.35%	0.017%	
191	16.745	16.716	16.755	VV	392	5930	0.05%	0.002%	
192	16.801	16.755	16.816	VV	456793	5901783	48.57%	2.387%	
193	16.834	16.816	17.017	VV	510814	6417794	52.82%	2.596%	
194	17.063	17.017	17.110	VV	2383	49851	0.41%	0.020%	

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195	17.127	17.110	17.145	VV	340	5818	0.05%	0.002%
196	17.185	17.145	17.220	VV	454430	5818928	47.02%	2.372%
197	17.251	17.220	17.285	VV	404231	5441871	44.02%	2.066%
198	17.294	17.285	17.391	VV	4491	100508	0.04%	0.002%
199	17.404	17.391	17.426	VV	311	4237	0.03%	0.001%
200	17.492	17.426	17.530	VV	213	7061	0.02%	0.001%
201	17.539	17.530	17.555	VV	168	1141	0.01%	0.000%
202	17.625	17.555	17.660	PV	1440	32885	0.27%	0.013%
203	17.700	17.660	17.735	VV	5558	83390	0.69%	0.034%
204	17.786	17.735	17.817	PV	343	5880	0.05%	0.002%
205	17.872	17.817	17.880	PV	32	1956	0.02%	0.001%
206	18.031	17.880	18.056	PV	1103	14296	0.12%	0.006%
207	18.144	18.056	18.200	PV	388735	5106403	42.02%	2.066%
208	18.233	18.200	18.257	VV	966	13013	0.11%	0.005%
209	18.376	18.257	18.397	PV	587	6266	0.05%	0.003%
210	18.505	18.397	18.531	PV	10112	175800	1.45%	0.071%
211	18.568	18.531	18.583	VV	424204	5864820	48.26%	2.372%
212	18.601	18.583	18.768	VV	445567	6601870	54.33%	2.671%
213	18.827	18.768	18.938	VV	433884	6279232	51.67%	2.540%
214	18.977	18.938	19.030	VV	375891	5060309	41.64%	2.047%
215	19.075	19.030	19.110	VV	1168	32978	0.27%	0.013%
216	19.137	19.110	19.155	VV	808	12391	0.10%	0.005%
217	19.337	19.155	19.356	VV	7342	147750	1.22%	0.060%
218	19.372	19.356	19.426	VV	6155	136856	1.13%	0.055%
219	19.472	19.426	19.483	VV	1346	41734	0.34%	0.017%
220	19.576	19.483	19.587	VV	1705	84543	0.70%	0.034%
221	19.626	19.587	19.640	VV	1899	51510	0.42%	0.021%
222	19.676	19.640	19.685	VV	2090	46746	0.38%	0.019%
223	19.762	19.685	19.804	VV	346899	5069063	41.72%	2.050%
224	19.865	19.804	19.921	VV	7314	376184	3.10%	0.152%
225	19.944	19.921	19.975	VV	5104	151218	1.24%	0.061%
226	20.052	19.975	20.071	VV	5413	277288	2.28%	0.112%
227	20.132	20.071	20.165	VV	10458	400858	3.30%	0.162%
228	20.175	20.165	20.184	VV	6664	78078	0.64%	0.032%
229	20.408	20.184	20.426	VV	11682	1190604	9.80%	0.482%
230	20.505	20.426	20.546	VV	334279	5682810	46.77%	2.299%
231	20.646	20.546	20.685	VV	16558	1186642	9.77%	0.480%
232	20.779	20.685	20.836	VV	21552	1714249	14.11%	0.693%
233	20.863	20.836	20.892	VV	20053	633116	5.21%	0.256%
234	21.031	20.892	21.138	VV	17638	2555810	21.03%	1.034%
235	21.175	21.138	21.201	VV	14918	563772	4.64%	0.228%
236	21.261	21.201	21.341	VV	307547	6082936	50.06%	2.461%
237	21.409	21.341	21.491	VV	12631	1090340	8.97%	0.441%
238	21.539	21.491	21.555	VV	10572	401987	3.31%	0.163%
239	21.579	21.555	21.663	VV	10316	607123	5.00%	0.246%
240	21.695	21.663	21.741	VV	7979	343993	2.83%	0.139%
241	21.898	21.741	21.975	VV	6096	849518	6.99%	0.344%
242	21.986	21.975	21.999	VV	4233	59789	0.49%	0.024%
243	22.206	21.999	22.347	VV	223811	5673128	46.69%	2.295%

Sum of corrected areas: 247214166

Instrument :

FID_E

ClientSampleId :

TP-1MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Yogesh Patel 11/06/2025