

rteres

Instrument :

FID_G

ClientSampleId :

ETGI-275MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04222

Data File : FG015740.D

Signal(s) : FID1A.ch

Acq On : 22 Apr 2025 16:45

Sample : Q1848-03MSD

Misc :

ALS Vial : 27 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.243	3.221	3.372	BV	244434	2491432	22.42%	0.789%
2	3.386	3.372	3.417	PV	105	1414	0.01%	0.000%
3	3.434	3.417	3.478	VV	507	6958	0.06%	0.002%
4	3.486	3.478	3.508	VV	140	1354	0.01%	0.000%
5	3.525	3.508	3.541	PV	126	1218	0.01%	0.000%
6	3.598	3.541	3.671	PV	4524	51435	0.46%	0.016%
7	3.731	3.671	3.816	PV	892	21069	0.19%	0.007%
8	3.851	3.816	3.908	VV	474	11271	0.10%	0.004%
9	3.929	3.908	4.031	VV	1538	19069	0.17%	0.006%
10	4.044	4.031	4.064	PV	206	2247	0.02%	0.001%
11	4.086	4.064	4.144	VV	1215	14835	0.13%	0.005%
12	4.160	4.144	4.195	VV	140	3324	0.03%	0.001%
13	4.233	4.195	4.259	VV	514	11653	0.10%	0.004%
14	4.274	4.259	4.356	VV	423	11204	0.10%	0.004%
15	4.377	4.356	4.410	VV	123	2583	0.02%	0.001%
16	4.422	4.410	4.470	VV	130	2331	0.02%	0.001%
17	4.505	4.470	4.522	VV	279398	2748380	24.73%	0.870%
18	4.539	4.522	4.599	VV	299017	3022898	27.20%	0.957%
19	4.615	4.599	4.641	VV	3600	60699	0.55%	0.019%
20	4.661	4.641	4.715	VV	4314	80462	0.72%	0.025%
21	4.739	4.715	4.855	VV	2755	84807	0.76%	0.027%
22	4.865	4.855	4.931	VV	440	14740	0.13%	0.005%
23	4.936	4.931	4.958	VV	331	4768	0.04%	0.002%
24	4.970	4.958	5.007	VV	317	8332	0.07%	0.003%
25	5.017	5.007	5.084	VV	347	12113	0.11%	0.004%
26	5.091	5.084	5.104	VV	230	2353	0.02%	0.001%
27	5.113	5.104	5.161	VV	201	5700	0.05%	0.002%
28	5.169	5.161	5.200	VV	194	3581	0.03%	0.001%
29	5.217	5.200	5.253	VV	281	5769	0.05%	0.002%
30	5.264	5.253	5.321	VV	225	4734	0.04%	0.001%
31	5.329	5.321	5.341	VV	146	1382	0.01%	0.000%
32	5.355	5.341	5.366	VV	149	1625	0.01%	0.001%
33	5.395	5.366	5.446	VV	255	6455	0.06%	0.002%
34	5.495	5.446	5.566	VV	352	11510	0.10%	0.004%
35	5.584	5.566	5.617	VV	210	2242	0.02%	0.001%
36	5.652	5.617	5.695	PV	794	11976	0.11%	0.004%

37	5.705	5.695	5.718	VV	93	809	0.01%	0.000%
38	5.795	5.718	5.825	VV	259	9845	0.01%	0.000%
39	5.842	5.825	5.898	VV	584	10441	0.01%	0.000%
40	5.946	5.898	6.085	VV	602	33330	0.01%	0.000%
41	6.089	6.085	6.095	VV	69	324	0.01%	0.000%
42	6.118	6.095	6.165	VV	276	4401	0.01%	0.000%
43	6.172	6.165	6.188	PV	96	808	0.01%	0.000%
44	6.218	6.188	6.495	VV	280577	3354294	30.18%	1.062%
45	6.504	6.495	6.528	VV	461	7941	0.07%	0.003%
46	6.539	6.528	6.556	VV	494	7591	0.07%	0.002%
47	6.576	6.556	6.651	VV	487	20121	0.18%	0.006%
48	6.686	6.651	6.821	VV	291475	3038224	27.34%	0.962%
49	6.840	6.821	6.903	VV	790	21059	0.19%	0.007%
50	6.914	6.903	6.926	VV	287	3172	0.03%	0.001%
51	6.972	6.926	6.998	VV	322	9529	0.09%	0.003%
52	7.015	6.998	7.068	VV	399	10424	0.09%	0.003%
53	7.099	7.068	7.127	VV	329	7000	0.06%	0.002%
54	7.138	7.127	7.171	VV	254	3678	0.03%	0.001%
55	7.227	7.171	7.288	PV	6888	111125	1.00%	0.035%
56	7.320	7.288	7.448	VV	264016	3155558	28.40%	0.999%
57	7.464	7.448	7.500	VV	2555	51580	0.46%	0.016%
58	7.529	7.500	7.588	VV	1585	57901	0.52%	0.018%
59	7.603	7.588	7.619	VV	957	14894	0.13%	0.005%
60	7.638	7.619	7.677	VV	1971	31618	0.28%	0.010%
61	7.694	7.677	7.755	VV	493	16918	0.15%	0.005%
62	7.760	7.755	7.788	VV	217	3350	0.03%	0.001%
63	7.811	7.788	7.850	VV	705	12761	0.11%	0.004%
64	7.860	7.850	7.895	VV	211	2554	0.02%	0.001%
65	8.070	8.055	8.155	VV	2467	88566	0.80%	0.028%
66	8.165	8.155	8.190	VV	757	13561	0.12%	0.004%
67	8.212	8.190	8.258	VV	1350	32328	0.29%	0.010%
68	8.270	8.258	8.314	VV	895	16927	0.15%	0.005%
69	8.341	8.314	8.367	VV	1096	21470	0.19%	0.007%
70	8.386	8.367	8.403	VV	987	13117	0.12%	0.004%
71	8.445	8.403	8.462	VV	1387	26413	0.24%	0.008%
72	8.477	8.462	8.490	VV	914	12502	0.11%	0.004%
73	8.523	8.490	8.562	VV	314305	3313747	29.82%	1.049%
74	8.570	8.562	8.593	VV	1394	22596	0.20%	0.007%
75	8.626	8.593	8.791	VV	335205	3779483	34.01%	1.197%
76	8.927	8.897	9.049	VV	351192	3873340	34.85%	1.227%
77	9.062	9.049	9.101	VV	1870	46407	0.42%	0.015%
78	9.115	9.101	9.145	VV	1093	23109	0.21%	0.007%
79	9.174	9.145	9.192	VV	1858	33896	0.31%	0.011%
80	9.217	9.192	9.327	VV	4725	133110	1.20%	0.042%
81	9.351	9.327	9.378	VV	1654	28852	0.26%	0.009%
82	9.389	9.378	9.429	VV	865	14924	0.13%	0.005%
83	9.440	9.429	9.463	VV	257	3216	0.03%	0.001%
84	9.502	9.463	9.520	PV	1470	21824	0.20%	0.007%
85	9.541	9.520	9.570	VV	1260	24649	0.22%	0.008%
86	9.591	9.570	9.618	VV	963	16929	0.15%	0.005%
87	9.636	9.618	9.664	VV	836	12780	0.11%	0.004%
88	9.720	9.664	9.789	PV	328864	3886924	34.98%	1.231%
89	9.797	9.789	9.854	VV	4283	107815	0.97%	0.034%

Instrument :

FID_G

ClientSampleId :

ETGI-275MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

90	9.872	9.854	9.893	VV	3682	63269	0.57%	0.020%
91	9.911	9.893	9.921	VV	2449	34187		
92	9.939	9.921	9.978	VV	5611	97105		
93	10.013	9.978	10.036	VV	7911	136023		
94	10.050	10.036	10.095	VV	4724	97161		
95	10.136	10.095	10.228	VV	313547	3610200	32	
96	10.239	10.228	10.274	VV	1390	26001	0.23%	0.008%
97	10.304	10.274	10.345	VV	1046	24869	0.22%	0.008%
98	10.357	10.345	10.390	VV	299	5059	0.05%	0.002%
99	10.411	10.390	10.433	PV	210	2990	0.03%	0.001%
100	10.492	10.433	10.511	PV	3999	55317	0.50%	0.018%
101	10.525	10.511	10.552	VV	1522	23234	0.21%	0.007%
102	10.585	10.552	10.595	VV	1658	25526	0.23%	0.008%
103	10.617	10.595	10.638	VV	3410	54834	0.49%	0.017%
104	10.657	10.638	10.704	VV	2405	44894	0.40%	0.014%
105	10.728	10.704	10.764	PV	3608	56674	0.51%	0.018%
106	10.796	10.764	10.848	VV	10459	204718	1.84%	0.065%
107	10.900	10.848	10.911	VV	4515	90701	0.82%	0.029%
108	10.938	10.911	10.973	VV	13284	297233	2.67%	0.094%
109	10.995	10.973	11.017	VV	3773	68986	0.62%	0.022%
110	11.034	11.017	11.051	VV	4268	51710	0.47%	0.016%
111	11.072	11.051	11.086	VV	2207	36101	0.32%	0.011%
112	11.133	11.086	11.180	VV	483654	5476741	49.28%	1.734%
113	11.209	11.180	11.337	VV	408809	5131390	46.18%	1.625%
114	11.351	11.337	11.371	VV	1490	25430	0.23%	0.008%
115	11.407	11.371	11.420	VV	2853	56638	0.51%	0.018%
116	11.441	11.420	11.491	VV	13483	253246	2.28%	0.080%
117	11.505	11.491	11.525	VV	2188	38959	0.35%	0.012%
118	11.539	11.525	11.551	VV	3514	42394	0.38%	0.013%
119	11.585	11.551	11.641	VV	317709	3725432	33.52%	1.180%
120	11.672	11.641	11.711	VV	15604	261408	2.35%	0.083%
121	11.737	11.711	11.758	VV	5683	80883	0.73%	0.026%
122	11.777	11.758	11.813	VV	2912	68862	0.62%	0.022%
123	11.841	11.813	11.851	VV	2470	41286	0.37%	0.013%
124	11.901	11.851	11.926	VV	301116	3363805	30.27%	1.065%
125	11.941	11.926	11.956	VV	16836	204953	1.84%	0.065%
126	11.973	11.956	12.016	VV	23091	343816	3.09%	0.109%
127	12.054	12.016	12.075	VV	42999	614334	5.53%	0.195%
128	12.090	12.075	12.104	VV	15881	207051	1.86%	0.066%
129	12.121	12.104	12.169	VV	18191	303599	2.73%	0.096%
130	12.229	12.169	12.255	VV	5849	194939	1.75%	0.062%
131	12.261	12.255	12.291	VV	3776	67928	0.61%	0.022%
132	12.316	12.291	12.390	VV	34059	680347	6.12%	0.215%
133	12.415	12.390	12.463	VV	16702	313001	2.82%	0.099%
134	12.477	12.463	12.489	VV	3549	49059	0.44%	0.016%
135	12.509	12.489	12.546	VV	14740	217991	1.96%	0.069%
136	12.563	12.546	12.588	VV	3907	67469	0.61%	0.021%
137	12.663	12.588	12.678	VV	5596	174402	1.57%	0.055%
138	12.689	12.678	12.718	VV	5679	109075	0.98%	0.035%
139	12.736	12.718	12.775	VV	10482	248426	2.24%	0.079%
140	12.804	12.775	12.826	VV	45873	618114	5.56%	0.196%
141	12.842	12.826	12.865	VV	20961	321402	2.89%	0.102%

Instrument :

FID_G

ClientSampleId :

ETGI-275MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

				rters				
142	12.902	12.865	12.932	VV	335408	4122133	37.09%	1.305%
143	12.970	12.932	13.020	VV	858178	10647545	95.24%	1.305%
144	13.035	13.020	13.085	VV	10409	254034	2.09%	0.074%
145	13.147	13.085	13.168	VV	26965	611951	2.09%	0.074%
146	13.188	13.168	13.229	VV	15379	360508	3.30%	1.242%
147	13.269	13.229	13.296	VV	770596	9593776	86.30%	1.242%
148	13.347	13.296	13.384	VV	269095	3922975	35.30%	1.242%
149	13.396	13.384	13.416	VV	5931	103802	0.93%	0.033%
150	13.438	13.416	13.451	VV	16920	232665	2.09%	0.074%
151	13.471	13.451	13.488	VV	36700	510200	4.59%	0.162%
152	13.515	13.488	13.568	VV	309798	4231571	38.08%	1.340%
153	13.590	13.568	13.641	VV	10358	260927	2.35%	0.083%
154	13.664	13.641	13.700	VV	12416	295696	2.66%	0.094%
155	13.725	13.700	13.778	VV	38101	741268	6.67%	0.235%
156	13.854	13.778	13.900	VV	75435	1723035	15.50%	0.546%
157	13.920	13.900	13.937	VV	14747	231713	2.09%	0.073%
158	13.962	13.937	13.983	VV	48025	725375	6.53%	0.230%
159	14.002	13.983	14.023	VV	39517	595390	5.36%	0.189%
160	14.038	14.023	14.064	VV	22611	362541	3.26%	0.115%
161	14.103	14.064	14.155	VV	317957	4719672	42.47%	1.495%
162	14.175	14.155	14.219	VV	25560	574739	5.17%	0.182%
163	14.254	14.219	14.271	VV	11036	298287	2.68%	0.094%
164	14.294	14.271	14.311	VV	10721	240552	2.16%	0.076%
165	14.335	14.311	14.418	VV	13439	559322	5.03%	0.177%
166	14.444	14.418	14.478	VV	9916	285319	2.57%	0.090%
167	14.491	14.478	14.505	VV	7585	113294	1.02%	0.036%
168	14.544	14.505	14.556	VV	18529	431130	3.88%	0.137%
169	14.564	14.556	14.581	VV	17516	241816	2.18%	0.077%
170	14.603	14.581	14.647	VV	52483	966657	8.70%	0.306%
171	14.668	14.647	14.681	VV	16191	299910	2.70%	0.095%
172	14.695	14.681	14.745	VV	16718	506634	4.56%	0.160%
173	14.772	14.745	14.807	VV	61538	1118924	10.07%	0.354%
174	14.834	14.807	14.868	VV	74920	1379951	12.42%	0.437%
175	14.911	14.868	14.939	VV	42899	1107004	9.96%	0.351%
176	14.957	14.939	14.979	VV	17952	371857	3.35%	0.118%
177	15.023	14.979	15.081	VV	20046	889036	8.00%	0.282%
178	15.109	15.081	15.120	VV	25885	421877	3.80%	0.134%
179	15.155	15.120	15.176	VV	421589	6410413	57.68%	2.030%
180	15.201	15.176	15.268	VV	676446	11112915	100.00%	3.519%
181	15.311	15.268	15.366	VV	43413	1543317	13.89%	0.489%
182	15.385	15.366	15.436	VV	20453	763405	6.87%	0.242%
183	15.466	15.436	15.480	VV	27174	572228	5.15%	0.181%
184	15.497	15.480	15.528	VV	31774	759731	6.84%	0.241%
185	15.548	15.528	15.573	VV	25023	587671	5.29%	0.186%
186	15.603	15.573	15.679	VV	37224	1634037	14.70%	0.517%
187	15.718	15.679	15.765	VV	25164	1147617	10.33%	0.363%
188	15.782	15.765	15.800	VV	24906	491081	4.42%	0.156%
189	15.828	15.800	15.850	VV	68479	1231075	11.08%	0.390%
190	15.865	15.850	15.897	VV	35752	778064	7.00%	0.246%
191	15.983	15.897	16.025	VV	40845	2169221	19.52%	0.687%
192	16.057	16.025	16.101	VV	38089	1269677	11.43%	0.402%
193	16.109	16.101	16.130	VV	23686	401904	3.62%	0.127%
194	16.153	16.130	16.181	VV	29859	753223	6.78%	0.239%

Instrument :

FID_G

ClientSampleId :

ETGI-275MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

							Instrument : FID_G	
							ClientSampleId : ETGI-275MSD	
195	16.237	16.181	16.268	VV	298235	4863135	43.76%	1.540%
196	16.282	16.268	16.318	VV	26820	756478		
197	16.330	16.318	16.350	VV	24114	439658		
198	16.363	16.350	16.382	VV	24052	455970		
199	16.427	16.382	16.448	VV	31355	1075823		
200	16.469	16.448	16.492	VV	35954	809487		
201	16.513	16.492	16.548	VV	37814	1105250	9.95%	0.350%
202	16.578	16.548	16.598	VV	38361	1030645	9.27%	0.326%
203	16.629	16.598	16.653	VV	46774	1295287	11.66%	0.410%
204	16.673	16.653	16.687	VV	39947	746427	6.72%	0.236%
205	16.726	16.687	16.741	VV	449476	7253056	65.27%	2.297%
206	16.756	16.741	16.825	VV	394619	5844750	52.59%	1.851%
207	16.853	16.825	16.874	VV	50733	1183973	10.65%	0.375%
208	16.886	16.874	16.901	VV	38796	589433	5.30%	0.187%
209	16.915	16.901	16.931	VV	35032	605456	5.45%	0.192%
210	16.946	16.931	16.961	VV	34270	592952	5.34%	0.188%
211	17.010	16.961	17.027	VV	147426	2807987	25.27%	0.889%
212	17.043	17.027	17.075	VV	136598	2286761	20.58%	0.724%
213	17.106	17.075	17.151	VV	352345	5554216	49.98%	1.759%
214	17.189	17.151	17.238	VV	295923	5681218	51.12%	1.799%
215	17.262	17.238	17.278	VV	41030	890530	8.01%	0.282%
216	17.299	17.278	17.328	VV	42268	1159326	10.43%	0.367%
217	17.350	17.328	17.388	VV	41807	1382501	12.44%	0.438%
218	17.449	17.388	17.471	VV	43059	1921241	17.29%	0.608%
219	17.486	17.471	17.544	VV	42370	1619515	14.57%	0.513%
220	17.568	17.544	17.585	VV	38592	871559	7.84%	0.276%
221	17.603	17.585	17.618	VV	41188	800489	7.20%	0.254%
222	17.636	17.618	17.677	VV	44908	1345358	12.11%	0.426%
223	17.695	17.677	17.715	VV	34873	748045	6.73%	0.237%
224	17.731	17.715	17.741	VV	35366	544463	4.90%	0.172%
225	17.765	17.741	17.785	VV	39979	976341	8.79%	0.309%
226	17.802	17.785	17.865	VV	36817	1584257	14.26%	0.502%
227	17.921	17.865	17.949	VV	34979	1654494	14.89%	0.524%
228	17.976	17.949	18.000	VV	35506	1026820	9.24%	0.325%
229	18.012	18.000	18.031	VV	35082	639087	5.75%	0.202%
230	18.080	18.031	18.141	VV	287476	5758397	51.82%	1.824%
231	18.173	18.141	18.203	VV	42389	1420929	12.79%	0.450%
232	18.217	18.203	18.238	VV	44006	873395	7.86%	0.277%
233	18.257	18.238	18.295	VV	41832	1333852	12.00%	0.422%
234	18.303	18.295	18.325	VV	37965	634761	5.71%	0.201%
235	18.388	18.325	18.411	VV	54300	2048800	18.44%	0.649%
236	18.486	18.411	18.502	VV	305594	6065580	54.58%	1.921%
237	18.519	18.502	18.563	VV	263130	4578431	41.20%	1.450%
238	18.584	18.563	18.598	VV	45463	927002	8.34%	0.294%
239	18.615	18.598	18.633	VV	47794	932707	8.39%	0.295%
240	18.648	18.633	18.685	VV	45432	1279949	11.52%	0.405%
241	18.741	18.685	18.838	VV	279333	6889023	61.99%	2.182%
242	18.913	18.838	18.971	VV	269029	6226231	56.03%	1.972%
243	19.009	18.971	19.035	VV	46920	1488135	13.39%	0.471%
244	19.057	19.035	19.128	VV	39981	2045187	18.40%	0.648%
245	19.181	19.128	19.244	VV	39060	2517980	22.66%	0.797%
246	19.273	19.244	19.372	VV	57432	3279489	29.51%	1.039%

Instrument :
FID_G
ClientSampleId :
ETGI-275MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

247	19.445	19.372	19.475	VV	44155	2361628	21.25%	0.748%
248	19.503	19.475	19.529	VV	38935	1179406	10.89%	0.313%
249	19.539	19.529	19.548	VV	35863	404410	3.85%	0.487%
250	19.570	19.548	19.655	VV	36563	2202584	15.26%	0.537%
251	19.698	19.655	19.781	VV	258246	6212592	55.89%	0.313%
252	19.808	19.781	19.844	VV	40699	1410548	12.85%	0.487%
253	19.866	19.844	19.887	VV	39931	988019	8.89%	0.313%
254	19.908	19.887	19.951	VV	45758	1538938	13.85%	0.487%
255	19.982	19.951	20.018	VV	49358	1696094	15.26%	0.537%
256	20.039	20.018	20.088	VV	46700	1778459	16.00%	0.563%
257	20.115	20.088	20.162	VV	41264	1677125	15.09%	0.531%
258	20.235	20.162	20.259	VV	37269	2090612	18.81%	0.662%
259	20.303	20.259	20.358	VV	45518	2392037	21.52%	0.758%
260	20.375	20.358	20.401	VV	38034	953831	8.58%	0.302%
261	20.439	20.401	20.479	VV	251665	4726905	42.54%	1.497%
262	20.511	20.479	20.550	VV	39435	1604213	14.44%	0.508%
263	20.559	20.550	20.565	VV	40110	357081	3.21%	0.113%
264	20.601	20.565	20.621	VV	41236	1347155	12.12%	0.427%
265	20.627	20.621	20.705	VV	38822	1777359	15.99%	0.563%
266	20.732	20.705	20.754	VV	35026	1002298	9.02%	0.317%
267	20.785	20.754	20.855	VV	35223	2053970	18.48%	0.650%
268	20.864	20.855	20.891	VV	32116	684964	6.16%	0.217%
269	20.907	20.891	21.043	VV	32170	2609943	23.49%	0.827%
270	21.057	21.043	21.077	VV	26817	523208	4.71%	0.166%
271	21.103	21.077	21.136	VV	25715	865002	7.78%	0.274%
272	21.180	21.136	21.255	VV	182542	4533328	40.79%	1.436%
273	21.265	21.255	21.296	VV	19602	473928	4.26%	0.150%
274	21.313	21.296	21.325	VV	18973	316847	2.85%	0.100%
275	21.340	21.325	21.392	VV	18614	701584	6.31%	0.222%
276	21.398	21.392	21.577	VV	16805	1479928	13.32%	0.469%
277	21.587	21.577	21.596	VV	11375	120781	1.09%	0.038%
278	21.624	21.596	21.645	VV	11871	330211	2.97%	0.105%
279	21.657	21.645	21.682	VV	11892	245477	2.21%	0.078%
280	21.696	21.682	21.717	VV	10752	215639	1.94%	0.068%
281	21.742	21.717	21.770	VV	10938	311705	2.80%	0.099%
282	21.783	21.770	21.826	VV	9057	265505	2.39%	0.084%
283	21.834	21.826	21.991	VV	8232	360626	3.25%	0.114%
284	22.101	21.991	22.178	VV	128896	3123042	28.10%	0.989%
285	22.186	22.178	22.192	PV	1420	5573	0.05%	0.002%

Sum of corrected areas: 315769885

Aliphatic EPH 041725.M Wed Apr 23 03:00:13 2025

Instrument :

FID_G

ClientSampleId :

ETGI-275MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025