

rteres

Instrument :

FID_E

ClientSampleId :

TP-11MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06202

Data File : FE054523.D

Signal(s) : FID1B.ch

Acq On : 20 Jun 2025 16:51

Sample : Q2362-01MSD

Misc :

ALS Vial : 18 Sample Multiplier: 1

Reviewed By :Yogesh Patel 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.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	2.872	2.821	2.938	BV	1520	20225	0.17%	0.009%
2	2.953	2.938	2.993	PV	117	1815	0.02%	0.001%
3	3.011	2.993	3.118	PV	1523	31016	0.27%	0.014%
4	3.128	3.118	3.138	PV	58	340	0.00%	0.000%
5	3.173	3.138	3.288	PV	316313	3394417	29.08%	1.527%
6	3.312	3.288	3.339	VV	772	19360	0.17%	0.009%
7	3.363	3.339	3.444	VV	26700	305362	2.62%	0.137%
8	3.472	3.444	3.500	VV	446	11840	0.10%	0.005%
9	3.525	3.500	3.551	VV	570	10485	0.09%	0.005%
10	3.581	3.551	3.602	VV	951	14713	0.13%	0.007%
11	3.626	3.602	3.640	VV	1253	15374	0.13%	0.007%
12	3.661	3.640	3.756	VV	16532	224354	1.92%	0.101%
13	3.780	3.756	3.833	VV	11379	161570	1.38%	0.073%
14	3.855	3.833	3.994	VV	69403	807695	6.92%	0.363%
15	4.008	3.994	4.132	VV	854	28492	0.24%	0.013%
16	4.174	4.132	4.197	VV	3499	56458	0.48%	0.025%
17	4.212	4.197	4.291	VV	2542	48839	0.42%	0.022%
18	4.308	4.291	4.400	VV	1275	21238	0.18%	0.010%
19	4.435	4.400	4.452	PV	367588	3726797	31.92%	1.677%
20	4.469	4.452	4.532	VV	415480	4457315	38.18%	2.005%
21	4.545	4.532	4.572	VV	4966	83736	0.72%	0.038%
22	4.592	4.572	4.701	VV	5254	131893	1.13%	0.059%
23	4.738	4.701	4.782	VV	675	26448	0.23%	0.012%
24	4.795	4.782	4.829	VV	452	10162	0.09%	0.005%
25	4.841	4.829	4.888	VV	347	9018	0.08%	0.004%
26	4.939	4.888	4.971	VV	375	14468	0.12%	0.007%
27	4.983	4.971	5.033	VV	265	7386	0.06%	0.003%
28	5.042	5.033	5.091	VV	190	5460	0.05%	0.002%
29	5.111	5.091	5.131	VV	244	5187	0.04%	0.002%
30	5.137	5.131	5.161	VV	213	3279	0.03%	0.001%
31	5.169	5.161	5.214	VV	227	4590	0.04%	0.002%
32	5.255	5.214	5.306	VV	184	4550	0.04%	0.002%
33	5.333	5.306	5.385	VV	122	1707	0.01%	0.001%
34	5.419	5.385	5.501	VV	159	6231	0.05%	0.003%
35	5.519	5.501	5.560	VV	101	2175	0.02%	0.001%
36	5.582	5.560	5.655	VV	921	15435	0.13%	0.007%

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37	5.667	5.655	5.718	PV	81	1967	0.02%	0.001%
38	5.747	5.718	5.794	VV	130	3887		
39	5.797	5.794	5.810	VV	116	755		
40	5.832	5.810	5.864	VV	192	3748		
41	5.885	5.864	5.928	VV	125	3084		
42	5.984	5.928	6.052	VV	111	2965		
43	6.073	6.052	6.082	PV	83	939	0.01%	0.000%
44	6.102	6.082	6.118	PV	74	1033	0.01%	0.000%
45	6.148	6.118	6.458	VV	392529	4951742	42.42%	2.228%
46	6.481	6.458	6.584	VV	1000	56169	0.48%	0.025%
47	6.616	6.584	6.764	VV	392177	4216455	36.12%	1.897%
48	6.771	6.764	7.008	VV	936	61266	0.52%	0.028%
49	7.018	7.008	7.025	VV	219	1777	0.02%	0.001%
50	7.031	7.025	7.050	VV	194	2190	0.02%	0.001%
51	7.072	7.050	7.095	VV	228	4587	0.04%	0.002%
52	7.104	7.095	7.128	VV	189	2549	0.02%	0.001%
53	7.160	7.128	7.218	VV	5714	108101	0.93%	0.049%
54	7.250	7.218	7.379	VV	367716	4691128	40.18%	2.110%
55	7.394	7.379	7.438	VV	3103	87094	0.75%	0.039%
56	7.461	7.438	7.521	VV	2318	91457	0.78%	0.041%
57	7.533	7.521	7.550	VV	1490	22631	0.19%	0.010%
58	7.566	7.550	7.710	VV	1701	70312	0.60%	0.032%
59	7.739	7.710	7.762	VV	598	11650	0.10%	0.005%
60	7.773	7.762	7.818	VV	299	7198	0.06%	0.003%
61	8.141	8.121	8.166	VV	1711	31102	0.27%	0.014%
62	8.175	8.166	8.181	VV	727	6433	0.06%	0.003%
63	8.198	8.181	8.282	VV	1059	32074	0.27%	0.014%
64	8.307	8.282	8.328	VV	390	8398	0.07%	0.004%
65	8.351	8.328	8.390	VV	541	13748	0.12%	0.006%
66	8.451	8.390	8.528	VV	430242	4645227	39.79%	2.090%
67	8.554	8.528	8.733	VV	466413	5494324	47.07%	2.472%
68	8.855	8.827	9.138	VV	500456	5929689	50.79%	2.668%
69	9.184	9.138	9.261	VV	1490	63800	0.55%	0.029%
70	9.279	9.261	9.359	VV	1170	30593	0.26%	0.014%
71	9.373	9.359	9.418	VV	280	7550	0.06%	0.003%
72	9.431	9.418	9.453	VV	224	3423	0.03%	0.002%
73	9.465	9.453	9.508	VV	240	3782	0.03%	0.002%
74	9.539	9.508	9.564	VV	106	2718	0.02%	0.001%
75	9.575	9.564	9.618	VV	169	2380	0.02%	0.001%
76	9.649	9.618	9.820	PV	443714	5847208	50.09%	2.631%
77	9.839	9.820	9.853	VV	2469	38065	0.33%	0.017%
78	9.873	9.853	9.924	VV	4528	107121	0.92%	0.048%
79	9.950	9.924	10.031	VV	8691	257534	2.21%	0.116%
80	10.063	10.031	10.318	VV	460875	5283482	45.26%	2.377%
81	10.325	10.318	10.344	VV	234	3319	0.03%	0.001%
82	10.353	10.344	10.377	VV	303	4651	0.04%	0.002%
83	10.407	10.377	10.441	VV	720	15438	0.13%	0.007%
84	10.451	10.441	10.528	VV	341	9968	0.09%	0.004%
85	10.546	10.528	10.573	VV	237	3600	0.03%	0.002%
86	10.597	10.573	10.618	VV	215	3623	0.03%	0.002%
87	10.623	10.618	10.635	VV	90	806	0.01%	0.000%
88	10.687	10.635	10.700	PV	309	5799	0.05%	0.003%
89	10.730	10.700	10.750	VV	347	7580	0.06%	0.003%

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90	10.771	10.750	10.783	VV	294	4593	0.04%	0.002%
91	10.804	10.783	10.844	VV	760	12406		
92	10.885	10.844	11.004	VV	2163	75604		
93	11.060	11.004	11.110	VV	486982	5774179	49.04%	2.743%
94	11.137	11.110	11.293	VV	431171	6108338	52.23%	2.743%
95	11.310	11.293	11.409	VV	3108	111963		
96	11.439	11.409	11.470	VV	1763	47448	0.41%	0.021%
97	11.510	11.470	11.574	VV	462153	5450993	46.69%	2.452%
98	11.591	11.574	11.640	VV	1979	54662	0.47%	0.025%
99	11.666	11.640	11.688	VV	878	22511	0.19%	0.010%
100	11.702	11.688	11.727	VV	874	16978	0.15%	0.008%
101	11.750	11.727	11.763	VV	678	13044	0.11%	0.006%
102	11.823	11.763	11.928	VV	519346	6042672	51.76%	2.719%
103	11.962	11.928	11.981	VV	1520	44317	0.38%	0.020%
104	11.992	11.981	12.021	VV	1503	32381	0.28%	0.015%
105	12.028	12.021	12.044	VV	1202	16318	0.14%	0.007%
106	12.066	12.044	12.093	VV	1209	31814	0.27%	0.014%
107	12.113	12.093	12.138	VV	1203	28626	0.25%	0.013%
108	12.178	12.138	12.201	VV	1751	50273	0.43%	0.023%
109	12.235	12.201	12.251	VV	1206	34373	0.29%	0.015%
110	12.269	12.251	12.318	VV	1404	47206	0.40%	0.021%
111	12.327	12.318	12.350	VV	1009	17332	0.15%	0.008%
112	12.377	12.350	12.394	VV	1076	25629	0.22%	0.012%
113	12.409	12.394	12.421	VV	990	15139	0.13%	0.007%
114	12.446	12.421	12.581	VV	5317	253629	2.17%	0.114%
115	12.595	12.581	12.618	VV	1752	36434	0.31%	0.016%
116	12.644	12.618	12.682	VV	3021	78437	0.67%	0.035%
117	12.712	12.682	12.723	VV	1614	38954	0.33%	0.018%
118	12.742	12.723	12.755	VV	1862	32555	0.28%	0.015%
119	12.766	12.755	12.782	VV	1717	27544	0.24%	0.012%
120	12.823	12.782	12.857	VV	462284	5675842	48.62%	2.554%
121	12.888	12.857	13.058	VV	470308	6097020	52.23%	2.743%
122	13.082	13.058	13.129	VV	5222	136345	1.17%	0.061%
123	13.143	13.129	13.153	VV	2011	29002	0.25%	0.013%
124	13.187	13.153	13.235	VV	469440	5877364	50.35%	2.644%
125	13.267	13.235	13.398	VV	382467	5036190	43.14%	2.266%
126	13.435	13.398	13.619	VV	439607	5611709	48.07%	2.525%
127	13.663	13.619	13.764	VV	1974	131493	1.13%	0.059%
128	13.782	13.764	13.796	VV	1397	24524	0.21%	0.011%
129	13.812	13.796	13.831	VV	1591	29997	0.26%	0.013%
130	13.863	13.831	13.897	VV	2025	58505	0.50%	0.026%
131	13.916	13.897	13.928	VV	1254	22109	0.19%	0.010%
132	13.974	13.928	13.987	VV	2550	59017	0.51%	0.027%
133	14.023	13.987	14.144	VV	429423	5432338	46.53%	2.444%
134	14.151	14.144	14.188	VV	1104	23523	0.20%	0.011%
135	14.205	14.188	14.221	VV	1054	17802	0.15%	0.008%
136	14.233	14.221	14.273	VV	920	27061	0.23%	0.012%
137	14.284	14.273	14.305	VV	879	15396	0.13%	0.007%
138	14.317	14.305	14.339	VV	809	15952	0.14%	0.007%
139	14.350	14.339	14.363	VV	814	10202	0.09%	0.005%
140	14.379	14.363	14.414	VV	871	23133	0.20%	0.010%
141	14.458	14.414	14.556	VV	2590	110785	0.95%	0.050%

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					rters			
142	14.585	14.556	14.602	VV	2788	45975	0.39%	0.021%
143	14.614	14.602	14.626	VV	1832	23891		
144	14.653	14.626	14.805	VV	11430	326280		
145	14.828	14.805	14.854	VV	900	23159		
146	14.872	14.854	14.946	VV	846	33497		
147	14.962	14.946	14.998	VV	614	16099		
148	15.015	14.998	15.040	VV	532	10990	0.09%	0.005%
149	15.078	15.040	15.098	VV	458141	5642161	48.33%	2.538%
150	15.124	15.098	15.308	VV	762032	11673842	100.00%	5.252%
151	15.321	15.308	15.418	VV	1367	63367	0.54%	0.029%
152	15.452	15.418	15.479	VV	1994	41174	0.35%	0.019%
153	15.544	15.479	15.623	VV	10317	430345	3.69%	0.194%
154	15.646	15.623	15.684	VV	5231	94354	0.81%	0.042%
155	15.710	15.684	15.754	VV	1987	41002	0.35%	0.018%
156	15.778	15.754	15.798	VV	445	9567	0.08%	0.004%
157	15.818	15.798	15.884	VV	279	11896	0.10%	0.005%
158	15.901	15.884	15.941	VV	324	7434	0.06%	0.003%
159	15.966	15.941	16.000	VV	409	9477	0.08%	0.004%
160	16.028	16.000	16.038	VV	401	6674	0.06%	0.003%
161	16.152	16.038	16.201	VV	398477	5209580	44.63%	2.344%
162	16.213	16.201	16.261	VV	606	11721	0.10%	0.005%
163	16.283	16.261	16.301	VV	181	3214	0.03%	0.001%
164	16.347	16.301	16.415	PV	418	15903	0.14%	0.007%
165	16.437	16.415	16.448	VV	320	4522	0.04%	0.002%
166	16.485	16.448	16.525	VV	264	9526	0.08%	0.004%
167	16.592	16.525	16.608	PV	1800	43579	0.37%	0.020%
168	16.649	16.608	16.664	VV	430444	6105164	52.30%	2.747%
169	16.680	16.664	16.894	VV	500476	6957977	59.60%	3.130%
170	16.921	16.894	16.963	VV	2442	57321	0.49%	0.026%
171	16.980	16.963	16.996	VV	957	15309	0.13%	0.007%
172	17.032	16.996	17.072	VV	413705	6122098	52.44%	2.754%
173	17.102	17.072	17.132	VV	374827	5408481	46.33%	2.433%
174	17.145	17.132	17.274	VV	16941	350181	3.00%	0.158%
175	17.285	17.274	17.321	VV	782	18278	0.16%	0.008%
176	17.331	17.321	17.356	VV	559	9074	0.08%	0.004%
177	17.389	17.356	17.404	VV	373	8251	0.07%	0.004%
178	17.434	17.404	17.478	VV	1158	23941	0.21%	0.011%
179	17.550	17.478	17.594	VV	4509	83347	0.71%	0.037%
180	17.637	17.594	17.661	VV	633	11756	0.10%	0.005%
181	17.684	17.661	17.728	VV	227	6565	0.06%	0.003%
182	17.754	17.728	17.771	VV	343	5910	0.05%	0.003%
183	17.782	17.771	17.801	VV	273	3372	0.03%	0.002%
184	17.881	17.801	17.918	PV	4184	64478	0.55%	0.029%
185	17.993	17.918	18.058	VV	368456	5184687	44.41%	2.333%
186	18.082	18.058	18.109	VV	2404	40800	0.35%	0.018%
187	18.127	18.109	18.148	VV	900	15140	0.13%	0.007%
188	18.165	18.148	18.187	VV	658	11900	0.10%	0.005%
189	18.215	18.187	18.274	VV	867	20119	0.17%	0.009%
190	18.310	18.274	18.341	PV	2292	36998	0.32%	0.017%
191	18.421	18.341	18.433	VV	341109	4955790	42.45%	2.230%
192	18.449	18.433	18.637	VV	424067	8557981	73.31%	3.850%
193	18.674	18.637	18.788	VV	281662	6006616	51.45%	2.702%
194	18.825	18.788	18.900	VV	358719	5603096	48.00%	2.521%

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195	18.922	18.900	18.954	VV	4917	135288	1.16%	0.061%
196	18.972	18.954	19.069	VV	3174	142770		
197	19.095	19.069	19.128	VV	1091	34684		
198	19.221	19.128	19.296	VV	5070	223760		
199	19.314	19.296	19.386	VV	1550	57793		
200	19.417	19.386	19.458	VV	2218	39525		
201	19.472	19.458	19.493	VV	315	4729	0.04%	0.002%
202	19.518	19.493	19.536	VV	322	3838	0.03%	0.002%
203	19.610	19.536	19.659	PV	356757	5325319	45.62%	2.396%
204	19.675	19.659	19.696	VV	2160	39816	0.34%	0.018%
205	19.735	19.696	19.844	VV	3225	180627	1.55%	0.081%
206	19.876	19.844	19.921	VV	765	22918	0.20%	0.010%
207	19.962	19.921	20.000	VV	2077	48249	0.41%	0.022%
208	20.017	20.000	20.031	VV	550	10190	0.09%	0.005%
209	20.085	20.031	20.104	VV	991	25981	0.22%	0.012%
210	20.229	20.104	20.238	VV	4702	128217	1.10%	0.058%
211	20.250	20.238	20.293	VV	4580	139495	1.19%	0.063%
212	20.351	20.293	20.435	VV	342003	5682342	48.68%	2.556%
213	20.448	20.435	20.457	VV	3438	44148	0.38%	0.020%
214	20.503	20.457	20.552	VV	10993	320446	2.74%	0.144%
215	20.708	20.552	20.736	VV	5275	432548	3.71%	0.195%
216	20.749	20.736	20.765	VV	4586	78420	0.67%	0.035%
217	20.808	20.765	20.833	VV	5180	194882	1.67%	0.088%
218	21.078	20.833	21.231	VV	306614	6828873	58.50%	3.072%
219	21.242	21.231	21.268	VV	5340	114653	0.98%	0.052%
220	21.490	21.268	21.558	VV	5159	814688	6.98%	0.367%
221	21.628	21.558	21.658	VV	3985	233346	2.00%	0.105%
222	21.663	21.658	21.684	VV	3752	58082	0.50%	0.026%
223	21.965	21.684	22.124	VV	226386	6232237	53.39%	2.804%
224	22.155	22.124	22.248	VV	3000	162316	1.39%	0.073%
225	22.254	22.248	22.324	VV	1287	39615	0.34%	0.018%
226	22.335	22.324	22.344	VV	465	5446	0.05%	0.002%
227	22.399	22.344	22.404	VV	113	7501	0.06%	0.003%
Sum of corrected areas:						222275810		

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Aliphatic EPH 061025.M Sat Jun 21 00:57:37 2025