

Instrument :

FID_E

ClientSampleId :

ETGI-360MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10092
Data File : FE056287.D
Signal(s) : FID1B.ch
Acq On : 09 Oct 2025 22:56
Sample : Q3313-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.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	2.891	2.838	2.933	BV	-38	-4385	-0.02%	-0.001%
2	2.947	2.933	3.025	PV	18	452	0.00%	0.000%
3	3.039	3.025	3.075	PV	129	2364	0.01%	0.001%
4	3.094	3.075	3.155	PV	313	3778	0.02%	0.001%
5	3.187	3.155	3.217	VV	209	3716	0.02%	0.001%
6	3.269	3.217	3.361	PV	433	15771	0.07%	0.004%
7	3.401	3.361	3.527	VV	266283	2991498	13.16%	0.704%
8	3.552	3.527	3.568	VV	300	5674	0.02%	0.001%
9	3.584	3.568	3.605	VV	221	4114	0.02%	0.001%
10	3.617	3.605	3.628	VV	279	2840	0.01%	0.001%
11	3.640	3.628	3.668	VV	189	3997	0.02%	0.001%
12	3.719	3.668	3.727	VV	256	5016	0.02%	0.001%
13	3.740	3.727	3.756	VV	279	2888	0.01%	0.001%
14	3.779	3.756	3.818	VV	275	4880	0.02%	0.001%
15	3.832	3.818	3.858	VV	249	4192	0.02%	0.001%
16	3.875	3.858	3.962	VV	2747	30800	0.14%	0.007%
17	3.992	3.962	4.061	VV	1988	24427	0.11%	0.006%
18	4.069	4.061	4.073	VV	58	376	0.00%	0.000%
19	4.092	4.073	4.131	VV	234	5197	0.02%	0.001%
20	4.141	4.131	4.168	VV	88	950	0.00%	0.000%
21	4.203	4.168	4.222	VV	382	5574	0.02%	0.001%
22	4.233	4.222	4.295	VV	268	9236	0.04%	0.002%
23	4.314	4.295	4.339	VV	351	5197	0.02%	0.001%
24	4.387	4.339	4.422	VV	943	17025	0.07%	0.004%
25	4.436	4.422	4.466	VV	288	4983	0.02%	0.001%
26	4.481	4.466	4.513	VV	252	4207	0.02%	0.001%
27	4.554	4.513	4.588	VV	241	6333	0.03%	0.001%
28	4.600	4.588	4.631	VV	223	4594	0.02%	0.001%
29	4.663	4.631	4.682	VV	346454	3419148	15.05%	0.804%
30	4.703	4.682	4.759	VV	952234	9825884	43.24%	2.311%
31	4.775	4.759	4.800	VV	8963	108900	0.48%	0.026%
32	4.822	4.800	4.865	VV	16414	192300	0.85%	0.045%
33	4.895	4.865	4.963	VV	1255	35726	0.16%	0.008%
34	4.976	4.963	5.020	VV	462	11095	0.05%	0.003%
35	5.032	5.020	5.147	VV	345	19813	0.09%	0.005%
36	5.172	5.147	5.269	VV	290	10545	0.05%	0.002%

rterres							ETGI-360MSD	
37	5.278	5.269	5.296	VV	153	1442	0.01%	0.000%
38	5.320	5.296	5.345	VV	186	3618	Manual Integration : Reviewed By :Yogesh Supervised By :mohit	
39	5.402	5.345	5.411	VV	184	4264		
40	5.429	5.411	5.441	VV	150	2275		
41	5.458	5.441	5.469	VV	211	2131		
42	5.483	5.469	5.495	VV	161	1950		
43	5.517	5.495	5.547	VV	113	2722	0.01%	0.001%
44	5.579	5.547	5.592	VV	156	2627	0.01%	0.001%
45	5.613	5.592	5.675	VV	432	8546	0.04%	0.002%
46	5.677	5.675	5.705	VV	151	882	0.00%	0.000%
47	5.755	5.705	5.768	PV	124	1705	0.01%	0.000%
48	5.803	5.768	5.828	VV	1591	17505	0.08%	0.004%
49	5.860	5.828	5.897	VV	489	12081	0.05%	0.003%
50	5.919	5.897	5.980	VV	406	7426	0.03%	0.002%
51	6.001	5.980	6.041	VV	356	5009	0.02%	0.001%
52	6.061	6.041	6.072	VV	196	2543	0.01%	0.001%
53	6.096	6.072	6.144	PV	167	5620	0.02%	0.001%
54	6.152	6.144	6.161	VV	127	984	0.00%	0.000%
55	6.165	6.161	6.262	VV	170	4382	0.02%	0.001%
56	6.282	6.262	6.308	VV	99	1548	0.01%	0.000%
57	6.384	6.308	6.531	PV	1265603	12615850	55.52%	2.968%
58	6.544	6.531	6.605	VV	1443	46781	0.21%	0.011%
59	6.622	6.605	6.658	VV	885	25329	0.11%	0.006%
60	6.679	6.658	6.700	VV	967	20086	0.09%	0.005%
61	6.716	6.700	6.801	VV	784	33914	0.15%	0.008%
62	6.838	6.801	6.902	VV	420970	4144514	18.24%	0.975%
63	6.920	6.902	6.977	VV	1066	28081	0.12%	0.007%
64	6.991	6.977	7.076	VV	559	19925	0.09%	0.005%
65	7.112	7.076	7.141	VV	223	6867	0.03%	0.002%
66	7.175	7.141	7.214	PV	446	10546	0.05%	0.002%
67	7.232	7.214	7.275	VV	460	10336	0.05%	0.002%
68	7.286	7.275	7.306	VV	230	3500	0.02%	0.001%
69	7.329	7.306	7.359	VV	796	14352	0.06%	0.003%
70	7.385	7.359	7.440	VV	6017	71747	0.32%	0.017%
71	7.486	7.440	7.598	VV	1353526	13987727	61.55%	3.290%
72	7.620	7.598	7.664	VV	9781	140258	0.62%	0.033%
73	7.680	7.664	7.696	VV	1943	28181	0.12%	0.007%
74	7.704	7.696	7.744	VV	1259	26368	0.12%	0.006%
75	7.774	7.744	7.831	VV	2555	57619	0.25%	0.014%
76	7.852	7.831	7.950	VV	444	20628	0.09%	0.005%
77	7.970	7.950	8.002	VV	310	6540	0.03%	0.002%
78	8.012	8.002	8.041	VV	178	3144	0.01%	0.001%
79	8.052	8.041	8.060	VV	152	869	0.00%	0.000%
80	8.365	8.345	8.400	VV	554	11066	0.05%	0.003%
81	8.420	8.400	8.446	VV	574	8957	0.04%	0.002%
82	8.462	8.446	8.471	VV	207	2868	0.01%	0.001%
83	8.498	8.471	8.522	VV	281	6837	0.03%	0.002%
84	8.532	8.522	8.539	VV	306	2617	0.01%	0.001%
85	8.578	8.539	8.618	VV	891	25837	0.11%	0.006%
86	8.676	8.618	8.751	VV	468022	4922061	21.66%	1.158%
87	8.797	8.751	8.954	VV	1480205	15533673	68.35%	3.654%
88	9.099	9.060	9.272	VV	1523787	16436621	72.33%	3.867%
89	9.286	9.272	9.314	VV	816	17067	0.08%	0.004%

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90	9.333	9.314	9.347	VV	894	13007	0.06%	0.003%
91	9.368	9.347	9.391	VV	2802	38521		
92	9.408	9.391	9.469	VV	1180	30630		
93	9.503	9.469	9.530	VV	1713	28218		
94	9.546	9.530	9.598	VV	564	14977		
95	9.605	9.598	9.644	VV	299	4638		
96	9.659	9.644	9.678	VV	400	4403	0.02%	0.001%
97	9.694	9.678	9.732	VV	388	6590	0.03%	0.002%
98	9.746	9.732	9.764	PV	223	2733	0.01%	0.001%
99	9.796	9.764	9.814	VV	276	5558	0.02%	0.001%
100	9.834	9.814	9.851	VV	2325	30640	0.13%	0.007%
101	9.892	9.851	9.998	VV	1501215	17135062	75.40%	4.031%
102	10.007	9.998	10.016	VV	1231	12969	0.06%	0.003%
103	10.038	10.016	10.071	VV	2885	51721	0.23%	0.012%
104	10.098	10.071	10.134	VV	18289	221658	0.98%	0.052%
105	10.160	10.134	10.192	VV	31822	382626	1.68%	0.090%
106	10.204	10.192	10.250	VV	3091	57632	0.25%	0.014%
107	10.287	10.250	10.319	VV	535228	5799870	25.52%	1.364%
108	10.334	10.319	10.368	VV	2561	42832	0.19%	0.010%
109	10.386	10.368	10.439	VV	953	22462	0.10%	0.005%
110	10.447	10.439	10.454	VV	218	1954	0.01%	0.000%
111	10.463	10.454	10.494	VV	200	3995	0.02%	0.001%
112	10.512	10.494	10.546	VV	1327	14293	0.06%	0.003%
113	10.573	10.546	10.609	PV	3948	46571	0.20%	0.011%
114	10.634	10.609	10.661	VV	4794	54896	0.24%	0.013%
115	10.685	10.661	10.702	VV	595	9665	0.04%	0.002%
116	10.732	10.702	10.757	VV	1413	25734	0.11%	0.006%
117	10.770	10.757	10.794	VV	787	12217	0.05%	0.003%
118	10.812	10.794	10.861	VV	662	9945	0.04%	0.002%
119	10.886	10.861	10.924	PV	448	9274	0.04%	0.002%
120	10.949	10.924	11.010	VV	2112	42400	0.19%	0.010%
121	11.030	11.010	11.050	VV	2407	29659	0.13%	0.007%
122	11.085	11.050	11.161	VV	32044	427260	1.88%	0.101%
123	11.178	11.161	11.212	VV	685	12322	0.05%	0.003%
124	11.307	11.212	11.344	VV	1492432	17925610	78.88%	4.217%
125	11.385	11.344	11.515	VV	1402584	17250823	75.91%	4.058%
126	11.537	11.515	11.571	VV	4671	82471	0.36%	0.019%
127	11.592	11.571	11.643	VV	5707	103795	0.46%	0.024%
128	11.664	11.643	11.689	VV	2223	37656	0.17%	0.009%
129	11.736	11.689	11.798	VV	590530	6565595	28.89%	1.544%
130	11.826	11.798	11.867	VV	2389	52997	0.23%	0.012%
131	11.895	11.867	11.913	VV	835	14309	0.06%	0.003%
132	11.942	11.913	11.971	VV	689	17504	0.08%	0.004%
133	11.990	11.971	12.023	VV	505	11925	0.05%	0.003%
134	12.061	12.023	12.090	VV	471452	5087809	22.39%	1.197%
135	12.102	12.090	12.118	VV	4059	50028	0.22%	0.012%
136	12.135	12.118	12.175	VV	4567	70747	0.31%	0.017%
137	12.218	12.175	12.237	VV	5866	91148	0.40%	0.021%
138	12.252	12.237	12.268	VV	3844	46493	0.20%	0.011%
139	12.284	12.268	12.320	VV	3317	43465	0.19%	0.010%
140	12.356	12.320	12.381	PV	1330	26030	0.11%	0.006%
141	12.404	12.381	12.444	VV	972	21474	0.09%	0.005%

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142	12.469	12.444	12.551	VV	6656	120049	0.53%	0.028%	
143	12.576	12.551	12.617	VV	2855	42769			
144	12.653	12.617	12.715	VV	10166	127812			
145	12.745	12.715	12.754	VV	846	14691			
146	12.775	12.754	12.814	VV	1688	38058			
147	12.900	12.814	12.934	VV	5451	115956			
148	12.963	12.934	12.979	VV	2280	32179	0.14%	0.008%	
149	13.006	12.979	13.018	VV	2992	49924	0.22%	0.012%	
150	13.052	13.018	13.094	VV	595202	7013094	30.86%	1.650%	
151	13.138	13.094	13.242	VV	1299963	17369274	76.43%	4.086%	
152	13.262	13.242	13.276	VV	1866	27717	0.12%	0.007%	
153	13.313	13.276	13.390	VV	18879	274372	1.21%	0.065%	
154	13.440	13.390	13.463	VV	1288542	16561200	72.88%	3.896%	
155	13.497	13.463	13.577	VV	349262	4484316	19.73%	1.055%	
156	13.602	13.577	13.621	VV	3102	55180	0.24%	0.013%	
157	13.665	13.621	13.737	VV	587083	7035890	30.96%	1.655%	
158	13.774	13.737	13.801	VV	1151	31472	0.14%	0.007%	
159	13.826	13.801	13.861	VV	1480	33192	0.15%	0.008%	
160	13.886	13.861	13.963	VV	3327	68784	0.30%	0.016%	
161	14.016	13.963	14.061	VV	7642	144056	0.63%	0.034%	
162	14.088	14.061	14.101	VV	1908	31139	0.14%	0.007%	
163	14.124	14.101	14.146	VV	5505	80976	0.36%	0.019%	
164	14.164	14.146	14.183	VV	3692	51716	0.23%	0.012%	
165	14.202	14.183	14.218	VV	4790	64007	0.28%	0.015%	
166	14.252	14.218	14.320	VV	575464	7002772	30.82%	1.647%	
167	14.337	14.320	14.362	VV	2972	44805	0.20%	0.011%	
168	14.383	14.362	14.402	VV	1385	24225	0.11%	0.006%	
169	14.414	14.402	14.425	VV	924	11601	0.05%	0.003%	
170	14.452	14.425	14.475	VV	953	24627	0.11%	0.006%	
171	14.492	14.475	14.563	VV	768	21944	0.10%	0.005%	
172	14.594	14.563	14.626	PV	1156	23837	0.10%	0.006%	
173	14.648	14.626	14.669	VV	966	17327	0.08%	0.004%	
174	14.698	14.669	14.737	VV	2636	64374	0.28%	0.015%	
175	14.760	14.737	14.792	VV	5155	75930	0.33%	0.018%	
176	14.817	14.792	14.844	VV	3294	54845	0.24%	0.013%	
177	14.857	14.844	14.871	VV	1237	16970	0.07%	0.004%	
178	14.882	14.871	14.903	VV	1148	17243	0.08%	0.004%	
179	14.935	14.903	14.971	VV	8193	135394	0.60%	0.032%	
180	14.997	14.971	15.023	VV	7221	110663	0.49%	0.026%	
181	15.064	15.023	15.100	VV	5902	119574	0.53%	0.028%	
182	15.118	15.100	15.139	VV	1165	18316	0.08%	0.004%	
183	15.189	15.139	15.237	VV	2974	66517	0.29%	0.016%	
184	15.327	15.237	15.343	PV	1042939	16001183	70.41%	3.764%	
185	15.371	15.343	15.457	VV	1217040	22725071	100.00%	5.346%	
186	15.478	15.457	15.529	VV	8760	191032	0.84%	0.045%	
187	15.564	15.529	15.595	VV	2687	77882	0.34%	0.018%	
188	15.619	15.595	15.640	VV	3114	57216	0.25%	0.013%	
189	15.656	15.640	15.708	VV	2810	68372	0.30%	0.016%	
190	15.739	15.708	15.848	VV	16786	358682	1.58%	0.084%	
191	15.877	15.848	15.916	VV	5664	100632	0.44%	0.024%	
192	15.958	15.916	15.969	VV	5301	79968	0.35%	0.019%	
193	15.984	15.969	16.010	VV	7159	106719	0.47%	0.025%	
194	16.025	16.010	16.056	VV	2464	40410	0.18%	0.010%	

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195	16.074	16.056	16.098	VV	1081	19650	0.09%	0.005%
196	16.159	16.098	16.192	VV	4460	131859		
197	16.222	16.192	16.244	VV	1638	30824		
198	16.262	16.244	16.290	VV	796	14660		
199	16.312	16.290	16.326	PV	1256	15629		
200	16.385	16.326	16.476	VV	488448	6192582	27.00%	0.005%
201	16.512	16.476	16.535	VV	528	11335	0.05%	0.003%
202	16.588	16.535	16.605	PV	1636	27957	0.12%	0.007%
203	16.619	16.605	16.643	VV	1109	14837	0.07%	0.003%
204	16.666	16.643	16.679	VV	1740	21883	0.10%	0.005%
205	16.692	16.679	16.708	VV	1131	14968	0.07%	0.004%
206	16.763	16.708	16.774	VV	2562	64044	0.28%	0.015%
207	16.786	16.774	16.814	VV	2464	46816	0.21%	0.011%
208	16.897	16.814	16.912	VV	929600	17694358	77.86%	4.162%
209	16.935	16.912	16.994	VV	1169697	17002550	74.82%	4.000%
210	17.011	16.994	17.114	VV	13275	495442	2.18%	0.117%
211	17.133	17.114	17.147	VV	4625	81317	0.36%	0.019%
212	17.203	17.147	17.229	VV	21578	475538	2.09%	0.112%
213	17.284	17.229	17.305	VV	1058353	16828291	74.05%	3.959%
214	17.334	17.305	17.395	VV	465937	6584853	28.98%	1.549%
215	17.413	17.395	17.452	VV	12102	263485	1.16%	0.062%
216	17.464	17.452	17.482	VV	4046	67457	0.30%	0.016%
217	17.502	17.482	17.555	VV	3762	133896	0.59%	0.031%
218	17.564	17.555	17.584	VV	2271	33183	0.15%	0.008%
219	17.624	17.584	17.684	VV	3762	157510	0.69%	0.037%
220	17.707	17.684	17.740	VV	3044	80454	0.35%	0.019%
221	17.782	17.740	17.824	VV	10613	200316	0.88%	0.047%
222	17.873	17.824	17.898	VV	1655	36817	0.16%	0.009%
223	17.921	17.898	17.941	VV	1918	25773	0.11%	0.006%
224	17.964	17.941	17.998	VV	710	13441	0.06%	0.003%
225	18.066	17.998	18.095	VV	7963	130968	0.58%	0.031%
226	18.114	18.095	18.148	VV	1581	25066	0.11%	0.006%
227	18.227	18.148	18.282	PV	419267	5707286	25.11%	1.343%
228	18.315	18.282	18.339	VV	3918	59413	0.26%	0.014%
229	18.354	18.339	18.364	VV	1294	16345	0.07%	0.004%
230	18.412	18.364	18.451	VV	2644	82722	0.36%	0.019%
231	18.470	18.451	18.518	VV	1123	31377	0.14%	0.007%
232	18.584	18.518	18.599	VV	7500	232084	1.02%	0.055%
233	18.656	18.599	18.671	VV	668657	12834928	56.48%	3.019%
234	18.694	18.671	18.860	VV	923524	17190442	75.65%	4.044%
235	18.919	18.860	19.017	VV	712404	14721803	64.78%	3.463%
236	19.057	19.017	19.109	VV	430821	6784485	29.85%	1.596%
237	19.120	19.109	19.134	VV	15466	229491	1.01%	0.054%
238	19.155	19.134	19.208	VV	16250	603347	2.65%	0.142%
239	19.223	19.208	19.284	VV	11803	469064	2.06%	0.110%
240	19.320	19.284	19.340	VV	9435	300078	1.32%	0.071%
241	19.361	19.340	19.383	VV	9352	223651	0.98%	0.053%
242	19.451	19.383	19.516	VV	17622	872499	3.84%	0.205%
243	19.555	19.516	19.568	VV	8598	254333	1.12%	0.060%
244	19.604	19.568	19.628	VV	10200	319485	1.41%	0.075%
245	19.650	19.628	19.687	VV	8972	281939	1.24%	0.066%
246	19.710	19.687	19.727	VV	7012	165172	0.73%	0.039%

Instrument :

FID_E

ClientSampleId :

ETGI-360MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

rteres									
247	19.746	19.727	19.784	VV	6876	221843	0.98%	0.052%	
248	19.842	19.784	19.894	VV	437362	6458013	28.23%	1.509%	
249	19.917	19.894	19.935	VV	11154	232644	0.48%	0.027%	
250	19.950	19.935	19.980	VV	9416	223913	0.42%	0.023%	
251	20.002	19.980	20.016	VV	8476	170109	0.36%	0.019%	
252	20.064	20.016	20.101	VV	10012	441625	0.43%	0.023%	
253	20.133	20.101	20.169	VV	10952	391275	0.46%	0.024%	
254	20.213	20.169	20.292	VV	16570	746273	0.69%	0.036%	
255	20.366	20.292	20.384	VV	9189	474676	0.39%	0.021%	
256	20.393	20.384	20.407	VV	9147	120065	0.39%	0.021%	
257	20.465	20.407	20.507	VV	15610	741484	0.63%	0.033%	
258	20.584	20.507	20.654	VV	458571	7258962	31.94%	1.708%	
259	20.749	20.654	20.788	VV	18506	1092211	0.78%	0.042%	
260	20.817	20.788	20.842	VV	11943	376469	0.51%	0.027%	
261	20.851	20.842	20.884	VV	11180	277903	0.47%	0.025%	
262	20.948	20.884	20.971	VV	14588	624231	0.62%	0.032%	
263	21.015	20.971	21.104	VV	13505	971428	0.58%	0.031%	
264	21.123	21.104	21.154	VV	10164	300152	0.44%	0.023%	
265	21.164	21.154	21.204	VV	9970	294875	0.43%	0.023%	
266	21.210	21.204	21.222	VV	9506	97179	0.43%	0.023%	
267	21.257	21.222	21.279	VV	9979	324575	0.44%	0.023%	
268	21.355	21.279	21.548	VV	344111	7779377	34.23%	1.830%	
269	21.560	21.548	21.592	VV	6952	177216	0.30%	0.016%	
270	21.688	21.592	21.721	VV	6706	495267	0.28%	0.015%	
271	21.732	21.721	21.758	VV	6252	132435	0.27%	0.014%	
272	21.806	21.758	21.849	VV	7638	357665	0.32%	0.017%	
273	21.857	21.849	21.886	VV	5573	116088	0.23%	0.012%	
274	21.901	21.886	21.918	VV	4816	89283	0.20%	0.010%	
275	21.940	21.918	22.021	VV	4547	255083	0.19%	0.010%	
276	22.024	22.021	22.058	VV	3755	75928	0.16%	0.008%	
277	22.068	22.058	22.104	VV	3098	79991	0.13%	0.007%	
278	22.116	22.104	22.225	VV	2660	145734	0.11%	0.006%	
279	22.233	22.225	22.258	VV	1114	17479	0.05%	0.003%	
280	22.334	22.258	22.508	VV	241234	6415838	28.23%	1.509%	

Sum of corrected areas: 425096891

Aliphatic EPH 092425.M Fri Oct 10 05:24:51 2025

Instrument :
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