

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054378.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 12:19
 Sample : Q2297-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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	2.868	2.821	2.941	BV	187	3131	0.04%	0.007%
2	2.949	2.941	2.986	PV	39	479	0.01%	0.001%
3	3.011	2.986	3.141	VV	1062	26135	0.33%	0.055%
4	3.167	3.141	3.280	VV	626	13546	0.17%	0.029%
5	3.308	3.280	3.319	PV	280	4260	0.05%	0.009%
6	3.362	3.319	3.454	VV	15046	173261	2.19%	0.366%
7	3.472	3.454	3.500	VV	333	7214	0.09%	0.015%
8	3.521	3.500	3.547	VV	481	7196	0.09%	0.015%
9	3.580	3.547	3.602	VV	525	9403	0.12%	0.020%
10	3.626	3.602	3.640	VV	871	11507	0.15%	0.024%
11	3.661	3.640	3.753	VV	8734	130878	1.65%	0.276%
12	3.781	3.753	3.833	VV	5859	93988	1.19%	0.198%
13	3.856	3.833	3.955	VV	34981	422118	5.33%	0.891%
14	3.970	3.955	3.987	VV	710	11420	0.14%	0.024%
15	4.006	3.987	4.057	VV	772	20261	0.26%	0.043%
16	4.072	4.057	4.120	VV	489	12433	0.16%	0.026%
17	4.175	4.120	4.198	VV	1937	38053	0.48%	0.080%
18	4.213	4.198	4.290	VV	1475	36465	0.46%	0.077%
19	4.309	4.290	4.361	VV	718	17184	0.22%	0.036%
20	4.375	4.361	4.414	VV	337	7560	0.10%	0.016%
21	4.439	4.414	4.514	VV	644	16173	0.20%	0.034%
22	4.521	4.514	4.531	VV	188	1436	0.02%	0.003%
23	4.545	4.531	4.584	VV	253	5921	0.07%	0.012%
24	4.618	4.584	4.703	VV	455	13556	0.17%	0.029%
25	4.721	4.703	4.760	VV	256	5364	0.07%	0.011%
26	4.807	4.760	4.838	VV	193	4885	0.06%	0.010%
27	4.853	4.838	4.864	VV	151	1803	0.02%	0.004%
28	4.870	4.864	4.891	VV	164	2024	0.03%	0.004%
29	4.910	4.891	4.923	VV	170	2731	0.03%	0.006%
30	4.944	4.923	4.980	VV	237	4976	0.06%	0.011%
31	4.997	4.980	5.054	PV	136	3409	0.04%	0.007%
32	5.063	5.054	5.074	VV	114	857	0.01%	0.002%
33	5.116	5.074	5.138	VV	162	3790	0.05%	0.008%
34	5.148	5.138	5.176	VV	184	2580	0.03%	0.005%
35	5.189	5.176	5.247	VV	214	4209	0.05%	0.009%
36	5.260	5.247	5.400	VV	140	6498	0.08%	0.014%

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37	5.434	5.400	5.507	VV	264	10776	0.14%	0.023%
38	5.521	5.507	5.564	VV	153	3063	0.04%	0.006%
39	5.586	5.564	5.651	PV	560	9942	0.13%	0.021%
40	5.675	5.651	5.691	VV	170	2430	0.03%	0.005%
41	5.705	5.691	5.721	VV	181	2090	0.03%	0.004%
42	5.740	5.721	5.819	VV	270	8417	0.11%	0.018%
43	5.867	5.819	5.884	VV	239	6090	0.08%	0.013%
44	5.891	5.884	5.908	VV	215	2169	0.03%	0.005%
45	5.914	5.908	5.988	VV	282	4750	0.06%	0.010%
46	5.995	5.988	6.034	VV	127	1243	0.02%	0.003%
47	6.052	6.034	6.141	VV	248	5144	0.06%	0.011%
48	6.184	6.141	6.258	PV	556	22066	0.28%	0.047%
49	6.264	6.258	6.293	VV	333	5004	0.06%	0.011%
50	6.329	6.293	6.370	VV	336	10551	0.13%	0.022%
51	6.408	6.370	6.461	VV	253	9840	0.12%	0.021%
52	6.512	6.461	6.541	VV	372	11163	0.14%	0.024%
53	6.554	6.541	6.587	VV	244	4671	0.06%	0.010%
54	6.621	6.587	6.667	VV	578	11606	0.15%	0.024%
55	6.697	6.667	6.742	VV	128	3833	0.05%	0.008%
56	6.773	6.742	6.832	VV	313	6891	0.09%	0.015%
57	6.854	6.832	6.864	VV	136	1765	0.02%	0.004%
58	6.871	6.864	6.891	VV	100	1515	0.02%	0.003%
59	6.901	6.891	6.932	VV	155	2708	0.03%	0.006%
60	6.947	6.932	6.959	VV	158	1489	0.02%	0.003%
61	6.977	6.959	6.996	VV	58	1100	0.01%	0.002%
62	7.033	6.996	7.128	PV	144	6020	0.08%	0.013%
63	7.194	7.128	7.222	VV	263	9473	0.12%	0.020%
64	7.279	7.222	7.300	VV	782	18120	0.23%	0.038%
65	7.310	7.300	7.324	VV	670	9287	0.12%	0.020%
66	7.338	7.324	7.377	VV	864	16947	0.21%	0.036%
67	7.405	7.377	7.448	VV	734	19469	0.25%	0.041%
68	7.461	7.448	7.532	VV	441	17641	0.22%	0.037%
69	7.569	7.532	7.664	VV	934	27318	0.34%	0.058%
70	7.678	7.664	7.721	VV	156	3937	0.05%	0.008%
71	7.742	7.721	7.778	VV	249	4599	0.06%	0.010%
72	7.785	7.778	7.811	VV	113	1723	0.02%	0.004%
73	8.017	8.008	8.159	VV	4002	190697	2.41%	0.403%
74	8.175	8.159	8.248	VV	1277	54437	0.69%	0.115%
75	8.270	8.248	8.341	VV	1028	45137	0.57%	0.095%
76	8.383	8.341	8.400	VV	1158	32239	0.41%	0.068%
77	8.419	8.400	8.435	VV	1284	22388	0.28%	0.047%
78	8.454	8.435	8.515	VV	2032	53707	0.68%	0.113%
79	8.571	8.515	8.640	VV	2092	72656	0.92%	0.153%
80	8.652	8.640	8.731	VV	549	14145	0.18%	0.030%
81	8.990	8.978	9.088	VV	2459	99604	1.26%	0.210%
82	9.104	9.088	9.131	VV	1022	23495	0.30%	0.050%
83	9.142	9.131	9.157	VV	829	12565	0.16%	0.027%
84	9.189	9.157	9.258	VV	1209	51523	0.65%	0.109%
85	9.282	9.258	9.309	VV	1772	31340	0.40%	0.066%
86	9.320	9.309	9.398	VV	527	17121	0.22%	0.036%
87	9.434	9.398	9.457	VV	370	8056	0.10%	0.017%
88	9.474	9.457	9.508	VV	358	6271	0.08%	0.013%
89	9.574	9.508	9.598	VV	383	11571	0.15%	0.024%

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90	9.619	9.598	9.637	VV	321	5842	0.07%	0.012%
91	9.672	9.637	9.713	VV	831	23443	0.30%	0.049%
92	9.736	9.713	9.769	VV	583	13548	0.17%	0.029%
93	9.786	9.769	9.798	VV	341	4651	0.06%	0.010%
94	9.818	9.798	9.871	VV	637	15790	0.20%	0.033%
95	9.894	9.871	9.913	VV	521	6875	0.09%	0.015%
96	9.940	9.913	10.045	VV	35045	831874	10.50%	1.756%
97	10.063	10.045	10.160	VV	3689	121798	1.54%	0.257%
98	10.173	10.160	10.211	VV	889	22813	0.29%	0.048%
99	10.231	10.211	10.317	VV	598	22586	0.29%	0.048%
100	10.328	10.317	10.351	VV	189	2076	0.03%	0.004%
101	10.405	10.351	10.494	PV	10250	175511	2.21%	0.370%
102	10.541	10.494	10.573	VV	602	23052	0.29%	0.049%
103	10.597	10.573	10.638	VV	588	12031	0.15%	0.025%
104	10.684	10.638	10.708	VV	742	19717	0.25%	0.042%
105	10.728	10.708	10.750	VV	636	12851	0.16%	0.027%
106	10.804	10.750	10.851	VV	2208	58405	0.74%	0.123%
107	10.874	10.851	10.961	VV	1465	46396	0.59%	0.098%
108	11.025	10.961	11.041	VV	390	11082	0.14%	0.023%
109	11.077	11.041	11.137	VV	7417	175757	2.22%	0.371%
110	11.166	11.137	11.245	VV	2681	103827	1.31%	0.219%
111	11.256	11.245	11.274	VV	648	10313	0.13%	0.022%
112	11.284	11.274	11.357	VV	499	13035	0.16%	0.028%
113	11.391	11.357	11.404	PV	314	5389	0.07%	0.011%
114	11.443	11.404	11.476	VV	1098	24533	0.31%	0.052%
115	11.509	11.476	11.542	VV	2057	34577	0.44%	0.073%
116	11.600	11.542	11.639	VV	1189	26043	0.33%	0.055%
117	11.668	11.639	11.688	VV	566	8194	0.10%	0.017%
118	11.704	11.688	11.731	VV	565	7935	0.10%	0.017%
119	11.747	11.731	11.776	VV	276	4120	0.05%	0.009%
120	11.825	11.776	11.901	PV	690319	7924391	100.00%	16.728%
121	11.913	11.901	11.971	VV	3351	91458	1.15%	0.193%
122	11.989	11.971	12.009	VV	2836	50224	0.63%	0.106%
123	12.023	12.009	12.040	VV	2261	35364	0.45%	0.075%
124	12.059	12.040	12.100	VV	2431	51483	0.65%	0.109%
125	12.117	12.100	12.138	VV	643	10001	0.13%	0.021%
126	12.179	12.138	12.238	VV	1993	33554	0.42%	0.071%
127	12.301	12.238	12.322	PV	969	27329	0.34%	0.058%
128	12.373	12.322	12.399	VV	1085	30153	0.38%	0.064%
129	12.444	12.399	12.514	VV	10794	245968	3.10%	0.519%
130	12.528	12.514	12.584	VV	1978	58353	0.74%	0.123%
131	12.632	12.584	12.658	VV	3220	69659	0.88%	0.147%
132	12.667	12.658	12.681	VV	1106	14269	0.18%	0.030%
133	12.694	12.681	12.718	VV	968	15808	0.20%	0.033%
134	12.745	12.718	12.760	VV	3665	52889	0.67%	0.112%
135	12.772	12.760	12.794	VV	3261	52038	0.66%	0.110%
136	12.820	12.794	12.868	VV	3783	82846	1.05%	0.175%
137	12.893	12.868	13.018	VV	24208	423273	5.34%	0.893%
138	13.049	13.018	13.067	PV	880	15353	0.19%	0.032%
139	13.083	13.067	13.100	VV	752	11818	0.15%	0.025%
140	13.116	13.100	13.130	VV	673	8137	0.10%	0.017%
141	13.147	13.130	13.163	VV	583	7949	0.10%	0.017%

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142	13.191	13.163	13.231	VV	21441	343879	4.34%	0.726%
143	13.269	13.231	13.360	VV	495236	6310361	79.63%	13.321%
144	13.375	13.360	13.411	VV	1425	30115	0.38%	0.064%
145	13.435	13.411	13.453	VV	2454	35720	0.45%	0.075%
146	13.478	13.453	13.513	VV	2262	62490	0.79%	0.132%
147	13.528	13.513	13.556	VV	1072	20216	0.26%	0.043%
148	13.660	13.556	13.730	VV	3140	108669	1.37%	0.229%
149	13.794	13.730	13.835	PV	2649	96797	1.22%	0.204%
150	13.854	13.835	13.869	VV	1462	25934	0.33%	0.055%
151	13.890	13.869	13.918	VV	1795	43500	0.55%	0.092%
152	13.940	13.918	13.956	VV	2916	51677	0.65%	0.109%
153	13.973	13.956	13.997	VV	3340	55321	0.70%	0.117%
154	14.023	13.997	14.043	VV	3759	65358	0.82%	0.138%
155	14.062	14.043	14.089	VV	3738	70737	0.89%	0.149%
156	14.136	14.089	14.207	VV	4157	111135	1.40%	0.235%
157	14.234	14.207	14.294	VV	1250	42639	0.54%	0.090%
158	14.321	14.294	14.350	VV	880	21737	0.27%	0.046%
159	14.384	14.350	14.414	VV	1502	39912	0.50%	0.084%
160	14.458	14.414	14.475	VV	2682	64073	0.81%	0.135%
161	14.524	14.475	14.548	VV	3037	92028	1.16%	0.194%
162	14.583	14.548	14.611	VV	6012	128294	1.62%	0.271%
163	14.638	14.611	14.678	VV	2667	84391	1.06%	0.178%
164	14.725	14.678	14.743	VV	3338	97064	1.22%	0.205%
165	14.769	14.743	14.810	VV	4653	130475	1.65%	0.275%
166	14.835	14.810	14.847	VV	2699	53445	0.67%	0.113%
167	14.880	14.847	14.914	VV	3326	109952	1.39%	0.232%
168	14.930	14.914	14.941	VV	2364	35337	0.45%	0.075%
169	14.968	14.941	14.990	VV	2599	66136	0.83%	0.140%
170	15.006	14.990	15.018	VV	2147	32813	0.41%	0.069%
171	15.086	15.018	15.105	VV	13863	280783	3.54%	0.593%
172	15.127	15.105	15.218	VV	17616	474588	5.99%	1.002%
173	15.247	15.218	15.272	VV	3616	99711	1.26%	0.210%
174	15.316	15.272	15.347	VV	2842	111164	1.40%	0.235%
175	15.386	15.347	15.401	VV	2409	68364	0.86%	0.144%
176	15.441	15.401	15.496	VV	3696	155066	1.96%	0.327%
177	15.536	15.496	15.621	VV	12644	480286	6.06%	1.014%
178	15.647	15.621	15.684	VV	7007	161138	2.03%	0.340%
179	15.711	15.684	15.740	VV	6098	122476	1.55%	0.259%
180	15.765	15.740	15.789	VV	5421	109723	1.38%	0.232%
181	15.805	15.789	15.844	VV	3527	90403	1.14%	0.191%
182	15.861	15.844	15.883	VV	2223	47574	0.60%	0.100%
183	15.919	15.883	16.011	VV	3091	174512	2.20%	0.368%
184	16.021	16.011	16.040	VV	1439	21271	0.27%	0.045%
185	16.050	16.040	16.067	VV	1173	17408	0.22%	0.037%
186	16.099	16.067	16.121	VV	1629	42380	0.53%	0.089%
187	16.149	16.121	16.189	VV	5317	91731	1.16%	0.194%
188	16.209	16.189	16.308	VV	1236	42403	0.54%	0.090%
189	16.351	16.308	16.382	PV	1097	30864	0.39%	0.065%
190	16.451	16.382	16.481	PV	1832	50994	0.64%	0.108%
191	16.489	16.481	16.521	VV	955	17643	0.22%	0.037%
192	16.559	16.521	16.578	VV	2387	58068	0.73%	0.123%
193	16.587	16.578	16.607	VV	2184	33640	0.42%	0.071%
194	16.652	16.607	16.743	VV	16770	491099	6.20%	1.037%

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195	16.776	16.743	16.888	VV	11561	326940	4.13%	0.690%
196	16.919	16.888	16.951	VV	4506	69839	0.88%	0.147%
197	16.975	16.951	17.014	VV	11351	179344	2.26%	0.379%
198	17.041	17.014	17.077	VV	10925	217562	2.75%	0.459%
199	17.099	17.077	17.126	VV	6580	125867	1.59%	0.266%
200	17.144	17.126	17.164	VV	2988	46442	0.59%	0.098%
201	17.180	17.164	17.218	VV	1625	23886	0.30%	0.050%
202	17.276	17.218	17.301	PV	1647	40076	0.51%	0.085%
203	17.333	17.301	17.354	VV	1311	30907	0.39%	0.065%
204	17.403	17.354	17.416	VV	2176	36704	0.46%	0.077%
205	17.429	17.416	17.470	VV	2571	43842	0.55%	0.093%
206	17.505	17.470	17.518	VV	1749	31540	0.40%	0.067%
207	17.551	17.518	17.599	VV	7180	143197	1.81%	0.302%
208	17.646	17.599	17.684	VV	1822	51037	0.64%	0.108%
209	17.706	17.684	17.727	VV	1670	33811	0.43%	0.071%
210	17.745	17.727	17.784	VV	1580	32417	0.41%	0.068%
211	17.834	17.784	17.855	PV	1095	20338	0.26%	0.043%
212	17.875	17.855	17.884	VV	903	10627	0.13%	0.022%
213	17.952	17.884	17.964	VV	1626	56733	0.72%	0.120%
214	17.988	17.964	18.015	VV	6750	114055	1.44%	0.241%
215	18.025	18.015	18.055	VV	1655	30461	0.38%	0.064%
216	18.080	18.055	18.098	VV	2620	43258	0.55%	0.091%
217	18.123	18.098	18.143	VV	5096	98170	1.24%	0.207%
218	18.156	18.143	18.187	VV	3996	79772	1.01%	0.168%
219	18.212	18.187	18.241	VV	4426	94065	1.19%	0.199%
220	18.261	18.241	18.271	VV	2058	34428	0.43%	0.073%
221	18.306	18.271	18.349	VV	8788	233291	2.94%	0.492%
222	18.417	18.349	18.471	VV	11468	524460	6.62%	1.107%
223	18.488	18.471	18.541	VV	6172	170864	2.16%	0.361%
224	18.572	18.541	18.582	VV	3350	68198	0.86%	0.144%
225	18.603	18.582	18.645	VV	3340	106658	1.35%	0.225%
226	18.685	18.645	18.761	VV	8441	289110	3.65%	0.610%
227	18.821	18.761	18.887	VV	10463	324667	4.10%	0.685%
228	18.917	18.887	18.938	VV	4949	114201	1.44%	0.241%
229	18.966	18.938	18.992	VV	5109	135979	1.72%	0.287%
230	19.005	18.992	19.031	VV	3693	78459	0.99%	0.166%
231	19.091	19.031	19.101	VV	3953	135550	1.71%	0.286%
232	19.128	19.101	19.144	VV	4268	98465	1.24%	0.208%
233	19.219	19.144	19.272	VV	14486	634480	8.01%	1.339%
234	19.300	19.272	19.327	VV	6046	187325	2.36%	0.395%
235	19.366	19.327	19.381	VV	6344	187257	2.36%	0.395%
236	19.392	19.381	19.431	VV	5773	159194	2.01%	0.336%
237	19.467	19.431	19.485	VV	5867	171236	2.16%	0.361%
238	19.514	19.485	19.550	VV	6647	222261	2.80%	0.469%
239	19.609	19.550	19.651	VV	11075	430521	5.43%	0.909%
240	19.674	19.651	19.695	VV	7718	184998	2.33%	0.391%
241	19.719	19.695	19.754	VV	8475	258685	3.26%	0.546%
242	19.786	19.754	19.811	VV	7826	242585	3.06%	0.512%
243	19.862	19.811	19.910	VV	10379	520208	6.56%	1.098%
244	19.982	19.910	20.008	VV	14521	641946	8.10%	1.355%
245	20.022	20.008	20.063	VV	10356	326521	4.12%	0.689%
246	20.095	20.063	20.108	VV	9726	244841	3.09%	0.517%

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247	20.141	20.108	20.154	VV	10274	274189	3.46%	0.579%
248	20.254	20.154	20.295	VV	13858	972052	12.27%	2.052%
249	20.347	20.295	20.385	VV	16664	724590	9.14%	1.530%
250	20.413	20.385	20.426	VV	13099	317138	4.00%	0.669%
251	20.505	20.426	20.526	VV	14484	810526	10.23%	1.711%
252	20.540	20.526	20.559	VV	14376	276426	3.49%	0.584%
253	20.618	20.559	20.661	VV	15230	881211	11.12%	1.860%
254	20.704	20.661	20.752	VV	18018	854150	10.78%	1.803%
255	20.762	20.752	20.768	VV	14661	134528	1.70%	0.284%
256	20.812	20.768	20.824	VV	15369	506159	6.39%	1.068%
257	20.865	20.824	20.881	VV	15586	512375	6.47%	1.082%
258	20.891	20.881	20.901	VV	14918	176594	2.23%	0.373%
259	20.911	20.901	21.018	VV	15015	984655	12.43%	2.079%
260	21.073	21.018	21.134	VV	16081	925338	11.68%	1.953%
261	21.144	21.134	21.171	VV	12433	270100	3.41%	0.570%
262	21.189	21.171	21.229	VV	12357	413341	5.22%	0.873%
263	21.237	21.229	21.251	VV	11573	151062	1.91%	0.319%
264	21.274	21.251	21.285	VV	11135	222210	2.80%	0.469%
265	21.313	21.285	21.344	VV	11412	390602	4.93%	0.825%
266	21.372	21.344	21.384	VV	10981	256911	3.24%	0.542%
267	21.387	21.384	21.415	VV	10902	188190	2.37%	0.397%
268	21.444	21.415	21.454	VV	10122	234665	2.96%	0.495%
269	21.493	21.454	21.529	VV	11426	458009	5.78%	0.967%
270	21.543	21.529	21.591	VV	8765	316447	3.99%	0.668%
271	21.604	21.591	21.684	VV	8360	427525	5.40%	0.902%
272	21.708	21.684	21.731	VV	8027	216262	2.73%	0.457%
273	21.753	21.731	21.795	VV	8131	297740	3.76%	0.629%
274	21.805	21.795	21.868	VV	7440	297351	3.75%	0.628%
275	21.902	21.868	21.921	VV	6301	199166	2.51%	0.420%
276	21.953	21.921	22.044	VV	7258	407638	5.14%	0.860%
277	22.056	22.044	22.070	VV	4123	59747	0.75%	0.126%
278	22.100	22.070	22.151	VV	4123	180006	2.27%	0.380%
279	22.165	22.151	22.174	VV	3448	43455	0.55%	0.092%
280	22.211	22.174	22.247	VV	3699	143336	1.81%	0.303%
281	22.257	22.247	22.318	VV	2698	86136	1.09%	0.182%
282	22.357	22.318	22.392	VV	1164	36990	0.47%	0.078%
Sum of corrected areas:					47372485			

Aliphatic EPH 061025.M Sat Jun 14 02:13:39 2025