

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052025AL\
 Data File : FC068938.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2025 20:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e
 Quant Time: May 21 05:25:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.707	2039412	17.868 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.139	1470360	18.328 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.442	1732891	17.229 ug/ml
2) T n-Decane (C10)	4.517	1787132	17.936 ug/ml
3) T A~Naphthalene (C11.7)	6.113	1934957	17.549 ug/ml
4) T n-Dodecane (C12)	6.541	1756627	18.076 ug/ml
5) T A~2-methylnaphthalene...	7.172	1897708	17.681 ug/ml
6) T n-Tetradecane (C14)	8.338	1693539	18.323 ug/ml
7) T n-Hexadecane (C16)	9.940	1662831	18.570 ug/ml
8) T n-Octadecane (C18)	11.383	1623045	18.503 ug/ml
10) T n-Eicosane (C20)	12.693	1574356	18.474 ug/ml
11) T n-Heneicosane (C21)	13.306	1553662	18.420 ug/ml
13) T n-Docosane (C22)	13.893	1554386	18.580 ug/ml
14) T n-Tetracosane (C24)	14.995	1574785	18.926 ug/ml
15) T n-Hexacosane (C26)	16.017	1597213	19.278 ug/ml
16) T n-Octacosane (C28)	16.968	1739737	21.051 ug/ml
17) T n-Tricontane (C30)	17.857	2038530	24.093 ug/mlm
18) T n-Dotriacontane (C32)	18.689	2147653	24.933 ug/mlm
19) T n-Tetratriacontane (C34)	19.474	2034029	23.874 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1895137	22.050 ug/ml
21) T n-Octatriacontane (C38)	20.985	1784290	21.271 ug/ml
22) T n-Tetracontane (C40)	21.960	1736719	21.191 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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