

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052925AL\
 Data File : FC069044.D
 Signal(s) : FID1A.ch
 Acq On : 29 May 2025 09:40
 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 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 30 03:26:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.705	2428487	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.138	1769844	19.728 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.440	2188013	20.618 ug/ml
2) T n-Decane (C10)	4.514	2191170	20.690 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2365501	20.457 ug/ml
4) T n-Dodecane (C12)	6.539	2154740	20.498 ug/ml
5) T A~2-methylnaphthalene...	7.168	2309723	20.373 ug/ml
6) T n-Tetradecane (C14)	8.336	2070333	20.198 ug/ml
7) T n-Hexadecane (C16)	9.938	2015044	19.859 ug/ml
8) T n-Octadecane (C18)	11.382	1968693	19.698 ug/ml
10) T n-Eicosane (C20)	12.692	1913071	19.642 ug/ml
11) T n-Heneicosane (C21)	13.305	1883128	19.564 ug/ml
13) T n-Docosane (C22)	13.892	1895820	19.900 ug/ml
14) T n-Tetracosane (C24)	14.995	1925866	20.455 ug/mlm
15) T n-Hexacosane (C26)	16.018	1939567	20.891 ug/ml
16) T n-Octacosane (C28)	16.969	1962450	21.112 ug/ml
17) T n-Tricontane (C30)	17.858	2033437	21.016 ug/ml
18) T n-Dotriacontane (C32)	18.691	2069000	20.878 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1940547	20.134 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1868032	19.678 ug/ml
21) T n-Octatriacontane (C38)	20.990	1792240	19.644 ug/ml
22) T n-Tetracontane (C40)	21.963	1742838	19.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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