

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069433.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 13:13
 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 07/15/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 15 01:49:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.670	3301746	19.112 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
12) S 1-chlorooctadecane (S...	13.105	2476853	18.959 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.401	3006727	21.142 ug/ml
2) T n-Decane (C10)	4.474	3185276	21.758 ug/ml
3) T A~Naphthalene (C11.7)	6.069	3421588	21.266 ug/ml
4) T n-Dodecane (C12)	6.500	3282582	21.678 ug/ml
5) T A~2-methylnaphthalene...	7.128	3301101	20.860 ug/ml
6) T n-Tetradecane (C14)	8.299	3310506	21.357 ug/ml
7) T n-Hexadecane (C16)	9.904	3369361	20.618 ug/ml
8) T n-Octadecane (C18)	11.348	3281922	20.101 ug/ml
10) T n-Eicosane (C20)	12.659	3019974	19.785 ug/ml
11) T n-Heneicosane (C21)	13.272	2901480	19.685 ug/ml
13) T n-Docosane (C22)	13.859	2836195	19.712 ug/ml
14) T n-Tetracosane (C24)	14.963	2737599	19.848 ug/ml
15) T n-Hexacosane (C26)	15.985	2602307	19.907 ug/ml
16) T n-Octacosane (C28)	16.936	2564630	20.795 ug/ml
17) T n-Tricontane (C30)	17.825	2672441	22.479 ug/ml
18) T n-Dotriacontane (C32)	18.658	2613897	23.907 ug/mlm
19) T n-Tetratriacontane (C34)	19.444	2342845	24.262 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1972828	23.938 ug/mlm
21) T n-Octatriacontane (C38)	20.948	1754801	23.482 ug/ml
22) T n-Tetracontane (C40)	21.912	1604614	22.659 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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