

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069258.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 07:04
 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 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
 Quant Time: Jun 25 00:37:55 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)	11.678	3483760	20.165 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	13.114	2620968	20.062 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.408	2809235	19.753 ug/ml
2) T n-Decane (C10)	4.480	2910199	19.879 ug/ml
3) T A~Naphthalene (C11.7)	6.075	3203390	19.910 ug/ml
4) T n-Dodecane (C12)	6.506	3003899	19.838 ug/ml
5) T A~2-methylnaphthalene...	7.135	3225614	20.383 ug/ml
6) T n-Tetradecane (C14)	8.306	3034137	19.574 ug/ml
7) T n-Hexadecane (C16)	9.910	3073344	18.807 ug/ml
8) T n-Octadecane (C18)	11.356	3013622	18.458 ug/ml
10) T n-Eicosane (C20)	12.668	2871139	18.810 ug/ml
11) T n-Heneicosane (C21)	13.281	2798845	18.989 ug/ml
13) T n-Docosane (C22)	13.868	2737905	19.029 ug/ml
14) T n-Tetracosane (C24)	14.973	2647992	19.198 ug/ml
15) T n-Hexacosane (C26)	15.995	2541708	19.443 ug/ml
16) T n-Octacosane (C28)	16.947	2490475	20.194 ug/ml
17) T n-Tricontane (C30)	17.835	2551284	21.460 ug/ml
18) T n-Dotriacontane (C32)	18.670	2499217	22.858 ug/ml
19) T n-Tetratriacontane (C34)	19.455	2201039	22.793 ug/ml
20) T n-Hexatriacontane (C36)	20.198	1767474	21.447 ug/ml
21) T n-Octatriacontane (C38)	20.965	1276817	17.086 ug/ml
22) T n-Tetracontane (C40)	21.929	1063362	15.016 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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