

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068651.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 11:20
 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 04/22/2025
 Supervised By :mohammad ahmed 04/23/2025

Integration File: autoint1.e
 Quant Time: Apr 22 01:23:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.717	2326806	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	13.150	1698273	18.282 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.446	2028206	19.257 ug/ml
2) T n-Decane (C10)	4.522	2086610	19.805 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2286053	19.629 ug/ml
4) T n-Dodecane (C12)	6.547	2071631	19.699 ug/ml
5) T A~2-methylnaphthalene...	7.178	2184488	18.914 ug/ml
6) T n-Tetradecane (C14)	8.345	2019668	19.646 ug/ml
7) T n-Hexadecane (C16)	9.948	2050035	20.130 ug/ml
8) T n-Octadecane (C18)	11.392	2047726	20.349 ug/ml
10) T n-Eicosane (C20)	12.704	1956454	19.891 ug/ml
11) T n-Heneicosane (C21)	13.316	1922179	19.723 ug/ml
13) T n-Docosane (C22)	13.904	1918374	19.860 ug/ml
14) T n-Tetracosane (C24)	15.008	1918581	20.156 ug/ml
15) T n-Hexacosane (C26)	16.030	1903810	20.382 ug/ml
16) T n-Octacosane (C28)	16.983	1927060	21.048 ug/ml
17) T n-Tricontane (C30)	17.872	2061724	22.427 ug/ml
18) T n-Dotriacontane (C32)	18.706	2055541	22.409 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1875385	20.992 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1637891	18.284 ug/ml
21) T n-Octatriacontane (C38)	21.011	1484372	16.789 ug/ml
22) T n-Tetracontane (C40)	21.992	1451939	16.442 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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