

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068368.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 15:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e
 Quant Time: Mar 05 22:31:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 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)	11.390	2547479	16.602 ug/ml
Spiked Amount 50.000		Recovery =	33.20%
12) S 1-chlorooctadecane (S...	12.833	1871173	16.636 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
1) T n-Nonane (C9)	3.202	2330793	16.568 ug/ml
2) T n-Decane (C10)	4.258	2383190	16.822 ug/ml
3) T A~Naphthalene (C11.7)	5.824	2562795	16.747 ug/ml
4) T n-Dodecane (C12)	6.266	2364404	16.798 ug/ml
5) T A~2-methylnaphthalene...	6.876	2401894	16.584 ug/ml
6) T n-Tetradecane (C14)	8.054	2271789	16.662 ug/ml
7) T n-Hexadecane (C16)	9.649	2300195	16.794 ug/ml
8) T n-Octadecane (C18)	11.087	2305132	16.855 ug/ml
10) T n-Eicosane (C20)	12.392	2217769	17.022 ug/ml
11) T n-Heneicosane (C21)	13.003	2161512	16.907 ug/ml
13) T n-Docosane (C22)	13.588	2213242	17.562 ug/ml
14) T n-Tetracosane (C24)	14.689	2327298	18.712 ug/ml
15) T n-Hexacosane (C26)	15.708	2383759	19.604 ug/ml
16) T n-Octacosane (C28)	16.655	2456290	20.682 ug/ml
17) T n-Tricontane (C30)	17.541	2650187	22.018 ug/ml
18) T n-Dotriacontane (C32)	18.372	2609575	22.483 ug/ml
19) T n-Tetratriacontane (C34)	19.155	2222005	20.563 ug/ml
20) T n-Hexatriacontane (C36)	19.895	1834195	19.073 ug/ml
21) T n-Octatriacontane (C38)	20.604	1656990	18.432 ug/ml
22) T n-Tetracontane (C40)	21.456	1548460	17.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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