

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012725AL\
 Data File : FC068126.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2025 09:34
 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 01/28/2025
 Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
 Quant Time: Jan 28 02:55:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.427	3173500	20.308 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	12.867	2337771	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.232	2798254	20.435 ug/ml
2) T n-Decane (C10)	4.290	2876654	20.720 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3121168	20.790 ug/ml
4) T n-Dodecane (C12)	6.299	2883845	20.643 ug/ml
5) T A~2-methylnaphthalene...	6.911	2997002	20.866 ug/ml
6) T n-Tetradecane (C14)	8.087	2820906	20.669 ug/ml
7) T n-Hexadecane (C16)	9.682	2867199	20.635 ug/ml
8) T n-Octadecane (C18)	11.120	2863964	20.469 ug/ml
10) T n-Eicosane (C20)	12.426	2719615	20.326 ug/ml
11) T n-Heneicosane (C21)	13.036	2659999	20.253 ug/ml
13) T n-Docosane (C22)	13.621	2623937	20.257 ug/ml
14) T n-Tetracosane (C24)	14.721	2585391	20.138 ug/ml
15) T n-Hexacosane (C26)	15.739	2535375	20.148 ug/ml
16) T n-Octacosane (C28)	16.687	2539185	20.302 ug/ml
17) T n-Tricontane (C30)	17.573	2668162	20.643 ug/ml
18) T n-Dotriacontane (C32)	18.403	2598720	20.788 ug/ml
19) T n-Tetratriacontane (C34)	19.184	2281190	21.030 ug/ml
20) T n-Hexatriacontane (C36)	19.925	1937281	20.934 ug/ml
21) T n-Octatriacontane (C38)	20.639	1828918	21.344 ug/mlm
22) T n-Tetracontane (C40)	21.500	1772111	21.916 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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