

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068224.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 08:50
 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 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 07 22:11:18 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)	11.405	3164922	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.846	2333447	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.211	3007383	21.962 ug/ml
2) T n-Decane (C10)	4.268	3047437	21.950 ug/ml
3) T A~Naphthalene (C11.7)	5.836	3310503	22.051 ug/ml
4) T n-Dodecane (C12)	6.277	3014487	21.578 ug/ml
5) T A~2-methylnaphthalene...	6.889	3097345	21.564 ug/ml
6) T n-Tetradecane (C14)	8.066	2891035	21.183 ug/ml
7) T n-Hexadecane (C16)	9.662	2893025	20.821 ug/ml
8) T n-Octadecane (C18)	11.100	2867346	20.493 ug/ml
10) T n-Eicosane (C20)	12.406	2718407	20.317 ug/ml
11) T n-Heneicosane (C21)	13.016	2654775	20.213 ug/ml
13) T n-Docosane (C22)	13.600	2637769	20.363 ug/mlm
14) T n-Tetracosane (C24)	14.702	2611925	20.344 ug/ml
15) T n-Hexacosane (C26)	15.721	2566745	20.397 ug/ml
16) T n-Octacosane (C28)	16.669	2528867	20.219 ug/ml
17) T n-Tricontane (C30)	17.556	2584150	19.993 ug/ml
18) T n-Dotriacontane (C32)	18.388	2503658	20.027 ug/ml
19) T n-Tetratriacontane (C34)	19.170	2210512	20.378 ug/ml
20) T n-Hexatriacontane (C36)	19.907	1926796	20.820 ug/ml
21) T n-Octatriacontane (C38)	20.621	1834885	21.414 ug/ml
22) T n-Tetracontane (C40)	21.474	1815220	22.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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