

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
 Data File : FC068271.D
 Signal(s) : FID1A.ch
 Acq On : 17 Feb 2025 09:51
 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 02/18/2025
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e
 Quant Time: Feb 18 02:03:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.399	2855031	18.270 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	12.841	2098206	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.206	2593270	18.938 ug/ml
2) T n-Decane (C10)	4.263	2668964	19.224 ug/ml
3) T A~Naphthalene (C11.7)	5.831	2888252	19.239 ug/ml
4) T n-Dodecane (C12)	6.272	2650302	18.972 ug/ml
5) T A~2-methylnaphthalene...	6.883	2732463	19.024 ug/ml
6) T n-Tetradecane (C14)	8.060	2561455	18.768 ug/ml
7) T n-Hexadecane (C16)	9.657	2582540	18.586 ug/ml
8) T n-Octadecane (C18)	11.095	2590780	18.517 ug/ml
10) T n-Eicosane (C20)	12.400	2474487	18.494 ug/ml
11) T n-Heneicosane (C21)	13.011	2417320	18.405 ug/ml
13) T n-Docosane (C22)	13.596	2407922	18.589 ug/mlm
14) T n-Tetracosane (C24)	14.697	2413452	18.798 ug/ml
15) T n-Hexacosane (C26)	15.716	2383941	18.945 ug/ml
16) T n-Octacosane (C28)	16.665	2411899	19.284 ug/ml
17) T n-Tricontane (C30)	17.551	2562592	19.826 ug/ml
18) T n-Dotriacontane (C32)	18.383	2519933	20.158 ug/mlm
19) T n-Tetratriacontane (C34)	19.164	2189667	20.186 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1842931	19.914 ug/ml
21) T n-Octatriacontane (C38)	20.615	1672825	19.522 ug/ml
22) T n-Tetracontane (C40)	21.469	1552898	19.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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