

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068171.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 20:21
 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 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Jan 31 22:18:33 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)	11.420	2886176	18.470 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	12.860	2142638	18.631 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.228	2537308	18.529 ug/ml
2) T n-Decane (C10)	4.285	2618810	18.863 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2826452	18.827 ug/ml
4) T n-Dodecane (C12)	6.294	2616609	18.730 ug/ml
5) T A~2-methylnaphthalene...	6.905	2707269	18.849 ug/ml
6) T n-Tetradecane (C14)	8.082	2540032	18.611 ug/ml
7) T n-Hexadecane (C16)	9.677	2583094	18.590 ug/ml
8) T n-Octadecane (C18)	11.114	2599741	18.581 ug/ml
10) T n-Eicosane (C20)	12.420	2482697	18.555 ug/ml
11) T n-Heneicosane (C21)	13.029	2436566	18.552 ug/ml
13) T n-Docosane (C22)	13.614	2426874	18.735 ug/mlm
14) T n-Tetracosane (C24)	14.714	2429140	18.921 ug/mlm
15) T n-Hexacosane (C26)	15.733	2422315	19.250 ug/ml
16) T n-Octacosane (C28)	16.681	2565853	20.515 ug/ml
17) T n-Tricontane (C30)	17.567	2896722	22.411 ug/ml
18) T n-Dotriacontane (C32)	18.397	2915777	23.324 ug/ml
19) T n-Tetratriacontane (C34)	19.180	2503187	23.076 ug/ml
20) T n-Hexatriacontane (C36)	19.918	2039258	22.036 ug/ml
21) T n-Octatriacontane (C38)	20.631	1824592	21.293 ug/ml
22) T n-Tetracontane (C40)	21.489	1701879	21.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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