

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068161.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 12:15
 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 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Jan 31 22:14:48 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	3257635	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
12) S 1-chlorooctadecane (S...	12.860	2410405	20.960 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	3.228	2938086	21.456 ug/ml
2) T n-Decane (C10)	4.285	3005135	21.646 ug/ml
3) T A~Naphthalene (C11.7)	5.853	3262384	21.731 ug/ml
4) T n-Dodecane (C12)	6.294	2998286	21.463 ug/ml
5) T A~2-methylnaphthalene...	6.905	3105257	21.619 ug/ml
6) T n-Tetradecane (C14)	8.081	2901432	21.259 ug/ml
7) T n-Hexadecane (C16)	9.677	2932610	21.106 ug/ml
8) T n-Octadecane (C18)	11.114	2941359	21.022 ug/ml
10) T n-Eicosane (C20)	12.420	2805836	20.970 ug/ml
11) T n-Heneicosane (C21)	13.029	2746968	20.915 ug/ml
13) T n-Docosane (C22)	13.614	2735337	21.117 ug/ml
14) T n-Tetracosane (C24)	14.713	2738248	21.328 ug/mlm
15) T n-Hexacosane (C26)	15.733	2696592	21.429 ug/ml
16) T n-Octacosane (C28)	16.680	2671943	21.363 ug/ml
17) T n-Tricontane (C30)	17.566	2735091	21.160 ug/ml
18) T n-Dotriacontane (C32)	18.396	2635480	21.082 ug/ml
19) T n-Tetratriacontane (C34)	19.178	2291367	21.123 ug/ml
20) T n-Hexatriacontane (C36)	19.916	1958831	21.167 ug/ml
21) T n-Octatriacontane (C38)	20.629	1842839	21.506 ug/ml
22) T n-Tetracontane (C40)	21.488	1772011	21.915 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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