

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032625AL\
 Data File : FC068415.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 20:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 27 01:41:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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)	11.385	4087411	20.578 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	12.826	3076360	20.636 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.198	3264585	20.411 ug/ml
2) T n-Decane (C10)	4.254	3314400	20.446 ug/ml
3) T A~Naphthalene (C11.7)	5.819	3631109	20.552 ug/ml
4) T n-Dodecane (C12)	6.261	3370500	20.439 ug/ml
5) T A~2-methylnaphthalene...	6.870	3510124	20.636 ug/ml
6) T n-Tetradecane (C14)	8.048	3388430	20.594 ug/ml
7) T n-Hexadecane (C16)	9.643	3547172	20.641 ug/ml
8) T n-Octadecane (C18)	11.081	3622672	20.639 ug/ml
10) T n-Eicosane (C20)	12.386	3517926	20.541 ug/ml
11) T n-Heneicosane (C21)	12.996	3454961	20.597 ug/ml
13) T n-Docosane (C22)	13.581	3454716	20.479 ug/ml
14) T n-Tetracosane (C24)	14.681	3429307	20.024 ug/ml
15) T n-Hexacosane (C26)	15.699	3351136	19.911 ug/ml
16) T n-Octacosane (C28)	16.647	3320200	19.856 ug/ml
17) T n-Tricontane (C30)	17.533	3491579	20.026 ug/ml
18) T n-Dotriacontane (C32)	18.364	3409748	20.368 ug/ml
19) T n-Tetratriacontane (C34)	19.146	3033993	20.570 ug/ml
20) T n-Hexatriacontane (C36)	19.885	2539370	20.750 ug/ml
21) T n-Octatriacontane (C38)	20.596	2241356	20.872 ug/ml
22) T n-Tetracontane (C40)	21.443	2008605	20.495 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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