

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069277.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 09:59
 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 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:16:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.677	3548939	20.543 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.112	2691907	20.605 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.406	2832388	19.916 ug/ml
2) T n-Decane (C10)	4.479	2957194	20.200 ug/ml
3) T A~Naphthalene (C11.7)	6.074	3248955	20.193 ug/ml
4) T n-Dodecane (C12)	6.505	3068704	20.266 ug/ml
5) T A~2-methylnaphthalene...	7.134	3270511	20.667 ug/ml
6) T n-Tetradecane (C14)	8.304	3121204	20.136 ug/ml
7) T n-Hexadecane (C16)	9.909	3158866	19.330 ug/ml
8) T n-Octadecane (C18)	11.354	3096150	18.963 ug/ml
10) T n-Eicosane (C20)	12.666	2958040	19.379 ug/ml
11) T n-Heneicosane (C21)	13.280	2879887	19.539 ug/ml
13) T n-Docosane (C22)	13.867	2823893	19.626 ug/ml
14) T n-Tetracosane (C24)	14.972	2742626	19.884 ug/ml
15) T n-Hexacosane (C26)	15.994	2639506	20.192 ug/ml
16) T n-Octacosane (C28)	16.944	2609073	21.155 ug/mlm
17) T n-Tricontane (C30)	17.833	2704814	22.752 ug/ml
18) T n-Dotriacontane (C32)	18.668	2674645	24.462 ug/ml
19) T n-Tetratriacontane (C34)	19.453	2341356	24.246 ug/ml
20) T n-Hexatriacontane (C36)	20.195	1878717	22.797 ug/ml
21) T n-Octatriacontane (C38)	20.961	1367451	18.298 ug/ml
22) T n-Tetracontane (C40)	21.927	1098816	15.516 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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