

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054244.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 12:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e
 Quant Time: Jun 10 03:07:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.834	3302076	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	13.279	2431170	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T n-Nonane (C9)	3.180	2354292	17.419 ug/ml
2) T n-Decane (C10)	4.444	2449429	18.126 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2710978	18.864 ug/ml
4) T n-Dodecane (C12)	6.626	2552346	18.711 ug/ml
5) T A~2-methylnaphthalene...	7.261	2666635	19.225 ug/ml
6) T n-Tetradecane (C14)	8.460	2582227	19.135 ug/ml
7) T n-Hexadecane (C16)	10.072	2666303	19.760 ug/ml
8) T n-Octadecane (C18)	11.520	2696577	20.025 ug/ml
10) T n-Eicosane (C20)	12.834	2695910	20.512 ug/ml
11) T n-Heneicosane (C21)	13.447	2692890	20.771 ug/ml
13) T n-Docosane (C22)	14.035	2694637	21.122 ug/ml
14) T n-Tetracosane (C24)	15.139	2743682	21.929 ug/ml
15) T n-Hexacosane (C26)	16.163	2710998	22.139 ug/ml
16) T n-Octacosane (C28)	17.115	2695172	22.171 ug/ml
17) T n-Tricontane (C30)	18.006	2731859	21.931 ug/ml
18) T n-Dotriacontane (C32)	18.841	2669188	21.344 ug/ml
19) T n-Tetratriacontane (C34)	19.627	2342576	19.665 ug/ml
20) T n-Hexatriacontane (C36)	20.368	2047524	17.683 ug/ml
21) T n-Octatriacontane (C38)	21.095	1852284	17.021 ug/mlm
22) T n-Tetracontane (C40)	21.988	1644325	16.571 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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