

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050925AL\
 Data File : FE053762.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 23:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/12/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File: autoint1.e
 Quant Time: May 10 01:25:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.854	3335684	18.494 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	13.299	2470753	18.278 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.204	2753884	20.086 ug/ml
2) T n-Decane (C10)	4.465	2791892	20.182 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3024618	20.038 ug/ml
4) T n-Dodecane (C12)	6.646	2820392	20.110 ug/ml
5) T A~2-methylnaphthalene...	7.279	2906173	19.465 ug/ml
6) T n-Tetradecane (C14)	8.481	2789324	19.883 ug/ml
7) T n-Hexadecane (C16)	10.093	2787364	19.448 ug/ml
8) T n-Octadecane (C18)	11.540	2774095	19.035 ug/ml
10) T n-Eicosane (C20)	12.854	2702642	18.573 ug/ml
11) T n-Heneicosane (C21)	13.467	2663456	18.388 ug/ml
13) T n-Docosane (C22)	14.055	2635032	18.260 ug/ml
14) T n-Tetracosane (C24)	15.161	2587778	18.016 ug/ml
15) T n-Hexacosane (C26)	16.183	2545391	17.972 ug/ml
16) T n-Octacosane (C28)	17.134	2558422	18.389 ug/ml
17) T n-Tricontane (C30)	18.023	2684698	19.287 ug/mlm
18) T n-Dotriacontane (C32)	18.857	2739650	19.953 ug/ml
19) T n-Tetratriacontane (C34)	19.642	2651920	20.353 ug/ml
20) T n-Hexatriacontane (C36)	20.382	2614570	20.710 ug/mlm
21) T n-Octatriacontane (C38)	21.116	2551905	20.946 ug/mlm
22) T n-Tetracontane (C40)	22.012	2500305	20.937 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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