

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054374.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 10:18
 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 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 13 23:59:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.822	3102683	18.777 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.267	2331482	19.119 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.173	2254053	18.152 ug/ml
2) T n-Decane (C10)	4.437	2261611	18.202 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2389990	17.685 ug/ml
4) T n-Dodecane (C12)	6.618	2333710	18.328 ug/ml
5) T A~2-methylnaphthalene...	7.254	2487973	18.784 ug/ml
6) T n-Tetradecane (C14)	8.452	2360754	18.235 ug/ml
7) T n-Hexadecane (C16)	10.063	2426450	18.266 ug/ml
8) T n-Octadecane (C18)	11.509	2503842	18.542 ug/ml
10) T n-Eicosane (C20)	12.822	2502111	18.704 ug/ml
11) T n-Heneicosane (C21)	13.435	2504698	18.837 ug/ml
13) T n-Docosane (C22)	14.022	2505033	19.105 ug/ml
14) T n-Tetracosane (C24)	15.126	2499144	19.374 ug/ml
15) T n-Hexacosane (C26)	16.150	2442406	19.457 ug/ml
16) T n-Octacosane (C28)	17.100	2418047	19.718 ug/mlm
17) T n-Tricontane (C30)	17.989	2491141	20.099 ug/mlm
18) T n-Dotriacontane (C32)	18.823	2545243	20.258 ug/mlm
19) T n-Tetratriacontane (C34)	19.607	2520112	20.257 ug/mlm
20) T n-Hexatriacontane (C36)	20.347	2548327	19.796 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2590119	19.616 ug/mlm
22) T n-Tetracontane (C40)	21.959	2622383	19.467 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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