

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054440.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 12:27
 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 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 01:21:53 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)	11.823	3146032	19.040 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.268	2355708	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.173	2291016	18.449 ug/ml
2) T n-Decane (C10)	4.436	2327718	18.734 ug/ml
3) T A~Naphthalene (C11.7)	6.151	2453107	18.152 ug/ml
4) T n-Dodecane (C12)	6.617	2393275	18.795 ug/ml
5) T A~2-methylnaphthalene...	7.254	2502159	18.891 ug/ml
6) T n-Tetradecane (C14)	8.452	2416647	18.666 ug/ml
7) T n-Hexadecane (C16)	10.064	2501675	18.832 ug/ml
8) T n-Octadecane (C18)	11.510	2562260	18.975 ug/ml
10) T n-Eicosane (C20)	12.823	2547290	19.041 ug/ml
11) T n-Heneicosane (C21)	13.436	2544126	19.133 ug/ml
13) T n-Docosane (C22)	14.023	2527617	19.277 ug/ml
14) T n-Tetracosane (C24)	15.128	2513094	19.482 ug/ml
15) T n-Hexacosane (C26)	16.151	2461495	19.609 ug/ml
16) T n-Octacosane (C28)	17.102	2444290	19.932 ug/ml
17) T n-Tricontane (C30)	17.991	2545009	20.534 ug/ml
18) T n-Dotriacontane (C32)	18.825	2628158	20.917 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2534899	20.376 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	2615263	20.316 ug/mlm
21) T n-Octatriacontane (C38)	21.076	2555259	19.352 ug/mlm
22) T n-Tetracontane (C40)	21.963	2565190	19.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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