

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055240.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 21:30
 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 08/12/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 12 01:26:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.090	2587107	18.117 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	13.526	1975830	18.376 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T n-Nonane (C9)	3.423	2025203	17.646 ug/ml
2) T n-Decane (C10)	4.682	2135102	18.328 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2446323	18.225 ug/ml
4) T n-Dodecane (C12)	6.858	2217169	18.619 ug/ml
5) T A~2-methylnaphthalene...	7.505	2400038	18.408 ug/ml
6) T n-Tetradecane (C14)	8.696	2282277	18.614 ug/ml
7) T n-Hexadecane (C16)	10.312	2381205	18.626 ug/ml
8) T n-Octadecane (C18)	11.762	2417931	18.532 ug/ml
10) T n-Eicosane (C20)	13.077	2325175	18.531 ug/ml
11) T n-Heneicosane (C21)	13.692	2253975	18.285 ug/ml
13) T n-Docosane (C22)	14.280	2318353	18.984 ug/ml
14) T n-Tetracosane (C24)	15.387	2471718	20.321 ug/ml
15) T n-Hexacosane (C26)	16.412	2546342	21.282 ug/ml
16) T n-Octacosane (C28)	17.364	2607963	21.985 ug/ml
17) T n-Tricontane (C30)	18.254	2832727	23.021 ug/mlm
18) T n-Dotriacontane (C32)	19.088	2892536	23.707 ug/ml
19) T n-Tetratriacontane (C34)	19.874	2579967	22.066 ug/mlm
20) T n-Hexatriacontane (C36)	20.616	2330697	21.324 ug/ml
21) T n-Octatriacontane (C38)	21.398	2535283	23.459 ug/ml
22) T n-Tetracontane (C40)	22.392	2066777	19.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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