

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054371.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 08:47
 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 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 09:11:52 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	3131592	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.267	2350026	19.271 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	3.173	2227791	17.940 ug/ml
2) T n-Decane (C10)	4.437	2244551	18.064 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2488147	18.411 ug/ml
4) T n-Dodecane (C12)	6.618	2336835	18.352 ug/ml
5) T A~2-methylnaphthalene...	7.254	2511832	18.964 ug/ml
6) T n-Tetradecane (C14)	8.452	2380051	18.384 ug/ml
7) T n-Hexadecane (C16)	10.063	2457672	18.501 ug/ml
8) T n-Octadecane (C18)	11.510	2541509	18.821 ug/ml
10) T n-Eicosane (C20)	12.822	2532211	18.929 ug/ml
11) T n-Heneicosane (C21)	13.435	2530730	19.033 ug/ml
13) T n-Docosane (C22)	14.023	2519194	19.213 ug/ml
14) T n-Tetracosane (C24)	15.127	2501297	19.391 ug/ml
15) T n-Hexacosane (C26)	16.150	2439053	19.430 ug/ml
16) T n-Octacosane (C28)	17.100	2418037	19.718 ug/mlm
17) T n-Tricontane (C30)	17.989	2512996	20.276 ug/mlm
18) T n-Dotriacontane (C32)	18.822	2570448	20.458 ug/mlm
19) T n-Tetratriacontane (C34)	19.607	2513202	20.202 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	2564148	19.919 ug/mlm
21) T n-Octatriacontane (C38)	21.073	2565253	19.428 ug/mlm
22) T n-Tetracontane (C40)	21.960	2614625	19.410 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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