

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
 Data File : FE054212.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 01:50
 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 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 02:19:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.833	2990927	18.404 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	13.277	2255689	19.027 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.181	2188790	16.195 ug/ml
2) T n-Decane (C10)	4.444	2253609	16.677 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2483394	17.280 ug/ml
4) T n-Dodecane (C12)	6.626	2358641	17.291 ug/ml
5) T A~2-methylnaphthalene...	7.262	2497319	18.004 ug/ml
6) T n-Tetradecane (C14)	8.461	2399819	17.783 ug/ml
7) T n-Hexadecane (C16)	10.073	2449625	18.154 ug/ml
8) T n-Octadecane (C18)	11.519	2474466	18.376 ug/ml
10) T n-Eicosane (C20)	12.832	2457704	18.700 ug/ml
11) T n-Heneicosane (C21)	13.445	2439421	18.816 ug/ml
13) T n-Docosane (C22)	14.032	2447219	19.182 ug/ml
14) T n-Tetracosane (C24)	15.137	2478682	19.811 ug/mlm
15) T n-Hexacosane (C26)	16.161	2468383	20.158 ug/ml
16) T n-Octacosane (C28)	17.113	2470142	20.320 ug/ml
17) T n-Tricontane (C30)	18.002	2549407	20.467 ug/ml
18) T n-Dotriacontane (C32)	18.836	2522489	20.171 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2355138	19.771 ug/mlm
20) T n-Hexatriacontane (C36)	20.361	2185680	18.877 ug/ml
21) T n-Octatriacontane (C38)	21.089	1953681	17.952 ug/ml
22) T n-Tetracontane (C40)	21.979	1880820	18.954 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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