

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054347.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 19:13
 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 01:19:12 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)	11.826	3086264	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	13.270	2309364	18.937 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.176	2293130	18.466 ug/ml
2) T n-Decane (C10)	4.439	2305889	18.558 ug/ml
3) T A~Naphthalene (C11.7)	6.154	2447883	18.114 ug/ml
4) T n-Dodecane (C12)	6.620	2373015	18.636 ug/ml
5) T A~2-methylnaphthalene...	7.256	2555552	19.294 ug/ml
6) T n-Tetradecane (C14)	8.454	2418146	18.678 ug/ml
7) T n-Hexadecane (C16)	10.066	2483067	18.692 ug/ml
8) T n-Octadecane (C18)	11.513	2529296	18.731 ug/ml
10) T n-Eicosane (C20)	12.825	2502069	18.703 ug/ml
11) T n-Heneicosane (C21)	13.438	2503454	18.827 ug/ml
13) T n-Docosane (C22)	14.025	2472573	18.857 ug/ml
14) T n-Tetracosane (C24)	15.130	2445953	18.962 ug/ml
15) T n-Hexacosane (C26)	16.152	2383285	18.986 ug/ml
16) T n-Octacosane (C28)	17.104	2349399	19.158 ug/ml
17) T n-Tricontane (C30)	17.993	2422225	19.543 ug/ml
18) T n-Dotriacontane (C32)	18.826	2484515	19.774 ug/ml
19) T n-Tetratriacontane (C34)	19.612	2511625	20.189 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	2522198	19.593 ug/mlm
21) T n-Octatriacontane (C38)	21.079	2487452	18.838 ug/ml
22) T n-Tetracontane (C40)	21.966	2546171	18.902 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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