

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053707.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2025 10:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e
 Quant Time: May 09 01:58:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.860	3540469	19.630 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.305	2602534	19.253 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.209	2944095	21.474 ug/ml
2) T n-Decane (C10)	4.470	2975727	21.511 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3220202	21.334 ug/ml
4) T n-Dodecane (C12)	6.650	3012205	21.478 ug/ml
5) T A~2-methylnaphthalene...	7.283	3151447	21.108 ug/ml
6) T n-Tetradecane (C14)	8.485	2974716	21.204 ug/ml
7) T n-Hexadecane (C16)	10.098	2967402	20.704 ug/ml
8) T n-Octadecane (C18)	11.546	2944794	20.207 ug/ml
10) T n-Eicosane (C20)	12.859	2861717	19.666 ug/ml
11) T n-Heneicosane (C21)	13.473	2824199	19.498 ug/ml
13) T n-Docosane (C22)	14.061	2786153	19.308 ug/ml
14) T n-Tetracosane (C24)	15.167	2731904	19.019 ug/ml
15) T n-Hexacosane (C26)	16.189	2687942	18.979 ug/ml
16) T n-Octacosane (C28)	17.141	2684271	19.294 ug/ml
17) T n-Tricontane (C30)	18.030	2810550	20.191 ug/mlm
18) T n-Dotriacontane (C32)	18.865	2840872	20.690 ug/ml
19) T n-Tetratriacontane (C34)	19.650	2756335	21.155 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2721498	21.557 ug/ml
21) T n-Octatriacontane (C38)	21.123	2641698	21.683 ug/ml
22) T n-Tetracontane (C40)	22.025	2596322	21.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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