

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050225AL\
 Data File : FE053618.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2025 10:11
 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 05/05/2025
 Supervised By :mohammad ahmed 05/06/2025

Integration File: autoint1.e
 Quant Time: May 03 00:24:26 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)	11.866	3388256	18.786 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	13.312	2495080	18.458 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T n-Nonane (C9)	3.214	2820991	20.576 ug/ml
2) T n-Decane (C10)	4.474	2833012	20.479 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3079706	20.403 ug/ml
4) T n-Dodecane (C12)	6.655	2855709	20.362 ug/ml
5) T A~2-methylnaphthalene...	7.289	3008276	20.149 ug/ml
6) T n-Tetradecane (C14)	8.491	2824733	20.135 ug/ml
7) T n-Hexadecane (C16)	10.104	2813397	19.630 ug/ml
8) T n-Octadecane (C18)	11.552	2798117	19.200 ug/ml
10) T n-Eicosane (C20)	12.866	2733165	18.783 ug/ml
11) T n-Heneicosane (C21)	13.479	2698908	18.633 ug/ml
13) T n-Docosane (C22)	14.068	2661367	18.443 ug/ml
14) T n-Tetracosane (C24)	15.173	2605210	18.137 ug/ml
15) T n-Hexacosane (C26)	16.196	2545645	17.974 ug/ml
16) T n-Octacosane (C28)	17.148	2476191	17.798 ug/ml
17) T n-Tricontane (C30)	18.037	2479925	17.816 ug/ml
18) T n-Dotriacontane (C32)	18.871	2470847	17.995 ug/ml
19) T n-Tetratriacontane (C34)	19.657	2413770	18.526 ug/ml
20) T n-Hexatriacontane (C36)	20.398	2432676	19.269 ug/ml
21) T n-Octatriacontane (C38)	21.132	2390220	19.619 ug/ml
22) T n-Tetracontane (C40)	22.035	2536347	21.239 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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