

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
 Data File : FE053690.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2025 12:54
 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 05/08/2025
 Supervised By :mohammad ahmed 05/09/2025

Integration File: autoint1.e
 Quant Time: May 08 01:54:48 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)	11.864	3544626	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.309	2627116	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.208	2807325	20.476 ug/ml
2) T n-Decane (C10)	4.471	2851363	20.612 ug/ml
3) T A~Naphthalene (C11.7)	6.184	3133209	20.757 ug/ml
4) T n-Dodecane (C12)	6.652	2909712	20.747 ug/ml
5) T A~2-methylnaphthalene...	7.287	3082859	20.648 ug/ml
6) T n-Tetradecane (C14)	8.488	2894676	20.634 ug/ml
7) T n-Hexadecane (C16)	10.101	2910639	20.308 ug/ml
8) T n-Octadecane (C18)	11.549	2920595	20.041 ug/ml
10) T n-Eicosane (C20)	12.863	2866433	19.699 ug/ml
11) T n-Heneicosane (C21)	13.477	2835618	19.577 ug/ml
13) T n-Docosane (C22)	14.065	2798680	19.394 ug/ml
14) T n-Tetracosane (C24)	15.170	2749290	19.140 ug/ml
15) T n-Hexacosane (C26)	16.193	2692439	19.010 ug/ml
16) T n-Octacosane (C28)	17.145	2660914	19.126 ug/ml
17) T n-Tricontane (C30)	18.035	2707119	19.448 ug/ml
18) T n-Dotriacontane (C32)	18.869	2742623	19.974 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2643686	20.290 ug/ml
20) T n-Hexatriacontane (C36)	20.397	2629874	20.831 ug/ml
21) T n-Octatriacontane (C38)	21.130	2690599	22.085 ug/ml
22) T n-Tetracontane (C40)	22.032	2483952	20.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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