

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052025AL\
 Data File : FE053910.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2025 06:47
 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 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e
 Quant Time: May 21 00:35:32 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)	11.848	3205338	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.294	2344373	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.198	2618140	19.372 ug/ml
2) T n-Decane (C10)	4.459	2645127	19.575 ug/ml
3) T A~Naphthalene (C11.7)	6.172	2842120	19.776 ug/ml
4) T n-Dodecane (C12)	6.639	2680940	19.654 ug/ml
5) T A~2-methylnaphthalene...	7.274	2740319	19.756 ug/ml
6) T n-Tetradecane (C14)	8.475	2666092	19.756 ug/ml
7) T n-Hexadecane (C16)	10.087	2678452	19.850 ug/ml
8) T n-Octadecane (C18)	11.534	2665120	19.791 ug/ml
10) T n-Eicosane (C20)	12.848	2598428	19.771 ug/ml
11) T n-Heneicosane (C21)	13.461	2569320	19.818 ug/ml
13) T n-Docosane (C22)	14.049	2538963	19.902 ug/ml
14) T n-Tetracosane (C24)	15.154	2486047	19.870 ug/ml
15) T n-Hexacosane (C26)	16.178	2433303	19.872 ug/ml
16) T n-Octacosane (C28)	17.129	2405084	19.785 ug/ml
17) T n-Tricontane (C30)	18.019	2451210	19.678 ug/ml
18) T n-Dotriacontane (C32)	18.853	2458938	19.663 ug/ml
19) T n-Tetratriacontane (C34)	19.639	2319808	19.474 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2288976	19.769 ug/ml
21) T n-Octatriacontane (C38)	21.112	2126970	19.545 ug/ml
22) T n-Tetracontane (C40)	22.008	2003842	20.194 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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