

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052926.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 22:52
 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 03/24/2025
 Supervised By :mohammad ahmed 03/25/2025

Integration File: autoint1.e
 Quant Time: Mar 22 00:16:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.907	3220269	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.352	2414648	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.245	2924011	18.858 ug/ml
2) T n-Decane (C10)	4.507	3073583	19.565 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3272727	19.298 ug/ml
4) T n-Dodecane (C12)	6.688	3077827	19.768 ug/ml
5) T A~2-methylnaphthalene...	7.324	3127213	19.297 ug/ml
6) T n-Tetradecane (C14)	8.526	3026071	19.999 ug/ml
7) T n-Hexadecane (C16)	10.141	3063680	20.039 ug/ml
8) T n-Octadecane (C18)	11.591	3020395	19.853 ug/ml
10) T n-Eicosane (C20)	12.906	2856536	19.677 ug/ml
11) T n-Heneicosane (C21)	13.520	2774071	19.491 ug/ml
13) T n-Docosane (C22)	14.108	2797713	19.659 ug/ml
14) T n-Tetracosane (C24)	15.215	2901019	20.271 ug/ml
15) T n-Hexacosane (C26)	16.239	2924171	20.565 ug/ml
16) T n-Octacosane (C28)	17.191	3056307	21.494 ug/ml
17) T n-Tricontane (C30)	18.081	3356877	22.728 ug/ml
18) T n-Dotriacontane (C32)	18.916	3384736	23.314 ug/ml
19) T n-Tetratriacontane (C34)	19.702	3071426	22.789 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2650499	22.306 ug/ml
21) T n-Octatriacontane (C38)	21.185	2448455	22.071 ug/ml
22) T n-Tetracontane (C40)	22.106	2442638	22.593 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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