

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053277.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 13:49
 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 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File: autoint1.e
 Quant Time: Apr 10 02:59:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.885	2899964	17.804 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	13.330	2227617	18.557 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.234	2688474	17.363 ug/ml
2) T n-Decane (C10)	4.494	2844896	18.137 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2997608	17.844 ug/ml
4) T n-Dodecane (C12)	6.674	2869234	18.346 ug/ml
5) T A~2-methylnaphthalene...	7.307	2867472	17.971 ug/ml
6) T n-Tetradecane (C14)	8.509	2834745	18.514 ug/ml
7) T n-Hexadecane (C16)	10.122	2880478	18.687 ug/ml
8) T n-Octadecane (C18)	11.570	2832385	18.675 ug/ml
10) T n-Eicosane (C20)	12.884	2660888	18.663 ug/ml
11) T n-Heneicosane (C21)	13.497	2558573	18.438 ug/ml
13) T n-Docosane (C22)	14.085	2589599	18.908 ug/ml
14) T n-Tetracosane (C24)	15.191	2714950	20.102 ug/ml
15) T n-Hexacosane (C26)	16.213	2745551	20.580 ug/ml
16) T n-Octacosane (C28)	17.165	2845368	21.561 ug/ml
17) T n-Tricontane (C30)	18.055	2971978	21.927 ug/ml
18) T n-Dotriacontane (C32)	18.888	2911624	21.638 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2597516	20.074 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2206204	18.572 ug/ml
21) T n-Octatriacontane (C38)	21.151	1953279	16.994 ug/ml
22) T n-Tetracontane (C40)	22.058	1892810	16.853 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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