

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032725AL\
 Data File : FE053032.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 22:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2025
 Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e
 Quant Time: Mar 28 01:22:43 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)	11.897	3234222	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.341	2416806	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.242	3125842	20.160 ug/ml
2) T n-Decane (C10)	4.503	3189315	20.302 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3403250	20.067 ug/ml
4) T n-Dodecane (C12)	6.683	3168931	20.353 ug/ml
5) T A~2-methylnaphthalene...	7.317	3242249	20.007 ug/ml
6) T n-Tetradecane (C14)	8.518	3078889	20.348 ug/ml
7) T n-Hexadecane (C16)	10.132	3117468	20.391 ug/ml
8) T n-Octadecane (C18)	11.581	3069604	20.176 ug/ml
10) T n-Eicosane (C20)	12.895	2882606	19.856 ug/ml
11) T n-Heneicosane (C21)	13.509	2808020	19.729 ug/ml
13) T n-Docosane (C22)	14.097	2782404	19.552 ug/ml
14) T n-Tetracosane (C24)	15.203	2762863	19.306 ug/ml
15) T n-Hexacosane (C26)	16.226	2730202	19.201 ug/ml
16) T n-Octacosane (C28)	17.178	2727281	19.180 ug/ml
17) T n-Tricontane (C30)	18.068	2837660	19.212 ug/ml
18) T n-Dotriacontane (C32)	18.902	2841934	19.575 ug/mlm
19) T n-Tetratriacontane (C34)	19.686	2612980	19.387 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2391078	20.123 ug/mlm
21) T n-Octatriacontane (C38)	21.167	2360186	21.275 ug/mlm
22) T n-Tetracontane (C40)	22.084	2301105	21.284 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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