

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053359.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 08:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2025
 Supervised By :mohammad ahmed 04/17/2025

Integration File: autoint1.e
 Quant Time: Apr 15 11:17:54 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)	11.898	3161745	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.344	2348819	19.566 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.236	3099241	20.016 ug/ml
2) T n-Decane (C10)	4.498	3161014	20.152 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3337293	19.866 ug/ml
4) T n-Dodecane (C12)	6.680	3172187	20.283 ug/ml
5) T A~2-methylnaphthalene...	7.317	3150998	19.748 ug/ml
6) T n-Tetradecane (C14)	8.517	3102033	20.259 ug/ml
7) T n-Hexadecane (C16)	10.133	3098596	20.102 ug/ml
8) T n-Octadecane (C18)	11.583	3009364	19.842 ug/ml
10) T n-Eicosane (C20)	12.898	2805387	19.676 ug/ml
11) T n-Heneicosane (C21)	13.512	2717818	19.585 ug/ml
13) T n-Docosane (C22)	14.101	2687949	19.626 ug/ml
14) T n-Tetracosane (C24)	15.208	2683857	19.872 ug/ml
15) T n-Hexacosane (C26)	16.232	2681408	20.099 ug/ml
16) T n-Octacosane (C28)	17.186	2718691	20.601 ug/ml
17) T n-Tricontane (C30)	18.076	2844793	20.989 ug/ml
18) T n-Dotriacontane (C32)	18.911	2838322	21.093 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2574523	19.896 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2058868	17.332 ug/ml
21) T n-Octatriacontane (C38)	21.179	1746113	15.192 ug/ml
22) T n-Tetracontane (C40)	22.097	1860578	16.566 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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