

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054115.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 10:47
 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 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e
 Quant Time: Jun 03 01:16:52 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)	11.843	3504879	21.567 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
12) S 1-chlorooctadecane (S...	13.288	2538493	21.413 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.187	2477003	18.327 ug/ml
2) T n-Decane (C10)	4.451	2575208	19.057 ug/ml
3) T A~Naphthalene (C11.7)	6.166	2915773	20.289 ug/ml
4) T n-Dodecane (C12)	6.634	2705775	19.836 ug/ml
5) T A~2-methylnaphthalene...	7.268	2924039	21.081 ug/ml
6) T n-Tetradecane (C14)	8.469	2752180	20.394 ug/ml
7) T n-Hexadecane (C16)	10.081	2858314	21.183 ug/ml
8) T n-Octadecane (C18)	11.529	2879654	21.385 ug/ml
10) T n-Eicosane (C20)	12.843	2860762	21.767 ug/ml
11) T n-Heneicosane (C21)	13.456	2830767	21.835 ug/ml
13) T n-Docosane (C22)	14.045	2845979	22.308 ug/ml
14) T n-Tetracosane (C24)	15.149	2844872	22.738 ug/mlm
15) T n-Hexacosane (C26)	16.174	2838511	23.181 ug/ml
16) T n-Octacosane (C28)	17.126	2748021	22.606 ug/ml
17) T n-Tricontane (C30)	18.017	2711703	21.769 ug/ml
18) T n-Dotriacontane (C32)	18.852	2597438	20.770 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2253965	18.922 ug/ml
20) T n-Hexatriacontane (C36)	20.379	1970146	17.015 ug/ml
21) T n-Octatriacontane (C38)	21.110	1741749	16.005 ug/mlm
22) T n-Tetracontane (C40)	22.006	1698003	17.112 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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