

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062625AL\
 Data File : FE054605.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2025 13:32
 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 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
 Quant Time: Jun 27 02:00:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	2941778	17.804 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	13.268	2250530	18.455 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.169	2508365	20.199 ug/ml
2) T n-Decane (C10)	4.431	2607609	20.986 ug/ml
3) T A~Naphthalene (C11.7)	6.147	2775446	20.537 ug/ml
4) T n-Dodecane (C12)	6.612	2689737	21.124 ug/ml
5) T A~2-methylnaphthalene...	7.249	2904886	21.931 ug/mlm
6) T n-Tetradecane (C14)	8.447	2784517	21.508 ug/mlm
7) T n-Hexadecane (C16)	10.060	2757614	20.759 ug/ml
8) T n-Octadecane (C18)	11.509	2762831	20.460 ug/ml
10) T n-Eicosane (C20)	12.827	2691903	20.122 ug/ml
11) T n-Heneicosane (C21)	13.441	2538652	19.092 ug/ml
13) T n-Docosane (C22)	14.028	2502571	19.086 ug/ml
14) T n-Tetracosane (C24)	15.132	2226768	17.263 ug/ml
15) T n-Hexacosane (C26)	16.155	2075596	16.535 ug/ml
16) T n-Octacosane (C28)	17.106	2218674	18.092 ug/mlm
17) T n-Tricontane (C30)	17.996	2118866	17.096 ug/ml
18) T n-Dotriacontane (C32)	18.830	2135978	17.000 ug/ml
19) T n-Tetratriacontane (C34)	19.615	2147161	17.259 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	2192091	17.028 ug/mlm
21) T n-Octatriacontane (C38)	21.077	2291407	17.354 ug/mlm
22) T n-Tetracontane (C40)	21.959	2371334	17.604 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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