

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054183.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 22:26
 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 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 06:29:19 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)	11.836	3063128	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	13.281	2317890	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.182	2227897	16.484 ug/mlm
2) T n-Decane (C10)	4.447	2218546	16.418 ug/ml
3) T A~Naphthalene (C11.7)	6.162	2498294	17.384 ug/ml
4) T n-Dodecane (C12)	6.628	2340388	17.158 ug/ml
5) T A~2-methylnaphthalene...	7.264	2478552	17.869 ug/ml
6) T n-Tetradecane (C14)	8.463	2397680	17.767 ug/ml
7) T n-Hexadecane (C16)	10.075	2480979	18.387 ug/ml
8) T n-Octadecane (C18)	11.522	2537844	18.846 ug/ml
10) T n-Eicosane (C20)	12.835	2523019	19.197 ug/ml
11) T n-Heneicosane (C21)	13.449	2501606	19.296 ug/ml
13) T n-Docosane (C22)	14.036	2508716	19.664 ug/ml
14) T n-Tetracosane (C24)	15.140	2536953	20.277 ug/mlm
15) T n-Hexacosane (C26)	16.165	2522557	20.600 ug/ml
16) T n-Octacosane (C28)	17.117	2509912	20.647 ug/ml
17) T n-Tricontane (C30)	18.005	2549764	20.469 ug/ml
18) T n-Dotriacontane (C32)	18.840	2525616	20.196 ug/ml
19) T n-Tetratriacontane (C34)	19.624	2321320	19.487 ug/ml
20) T n-Hexatriacontane (C36)	20.364	2164229	18.691 ug/ml
21) T n-Octatriacontane (C38)	21.093	1967208	18.077 ug/ml
22) T n-Tetracontane (C40)	21.985	1912221	19.270 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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