

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054386.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 16:51
 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 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 14 00:02:37 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)	11.822	3084949	18.670 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	13.267	2322691	19.046 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.172	2185132	17.597 ug/ml
2) T n-Decane (C10)	4.436	2196126	17.675 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2464436	18.236 ug/ml
4) T n-Dodecane (C12)	6.617	2278722	17.896 ug/ml
5) T A~2-methylnaphthalene...	7.254	2443278	18.446 ug/ml
6) T n-Tetradecane (C14)	8.451	2330095	17.998 ug/ml
7) T n-Hexadecane (C16)	10.063	2414087	18.173 ug/ml
8) T n-Octadecane (C18)	11.509	2489144	18.434 ug/ml
10) T n-Eicosane (C20)	12.821	2498893	18.680 ug/ml
11) T n-Heneicosane (C21)	13.434	2506738	18.852 ug/ml
13) T n-Docosane (C22)	14.022	2489035	18.983 ug/ml
14) T n-Tetracosane (C24)	15.126	2492709	19.324 ug/ml
15) T n-Hexacosane (C26)	16.148	2435803	19.404 ug/ml
16) T n-Octacosane (C28)	17.101	2391562	19.502 ug/ml
17) T n-Tricontane (C30)	17.989	2469246	19.923 ug/mlm
18) T n-Dotriacontane (C32)	18.822	2515767	20.023 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2463389	19.801 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	2505644	19.464 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2529406	19.156 ug/mlm
22) T n-Tetracontane (C40)	21.960	2569044	19.071 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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