

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055966.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 11:08
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 24 12:55:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:54:57 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)	12.070	1013713	5.402 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
12) S 1-chlorooctadecane (S...	13.507	745262	5.340 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T n-Nonane (C9)	3.408	693246	5.060 ug/ml
2) T n-Decane (C10)	4.667	706292	5.061 ug/ml
3) T A~Naphthalene (C11.7)	6.388	790843	4.953 ug/ml
4) T n-Dodecane (C12)	6.843	724977	5.051 ug/ml
5) T A~2-methylnaphthalene...	7.489	768994	4.945 ug/ml
6) T n-Tetradecane (C14)	8.679	757520	5.124 ug/ml
7) T n-Hexadecane (C16)	10.294	823386	5.182 ug/ml
8) T n-Octadecane (C18)	11.744	903131	5.332 ug/ml
10) T n-Eicosane (C20)	13.059	895641	5.403 ug/ml
11) T n-Heneicosane (C21)	13.673	885060	5.447 ug/ml
13) T n-Docosane (C22)	14.262	874093	5.470 ug/ml
14) T n-Tetracosane (C24)	15.369	839256	5.508 ug/ml
15) T n-Hexacosane (C26)	16.393	781387	5.478 ug/ml
16) T n-Octacosane (C28)	17.345	788239	5.658 ug/ml
17) T n-Tricontane (C30)	18.235	889830	6.005 ug/ml
18) T n-Dotriacontane (C32)	19.070	910224	6.101 ug/ml
19) T n-Tetratriacontane (C34)	19.855	831525	5.879 ug/ml
20) T n-Hexatriacontane (C36)	20.596	709931	5.530 ug/ml
21) T n-Octatriacontane (C38)	21.372	745994	5.680 ug/ml
22) T n-Tetracontane (C40)	22.356	657258	5.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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