

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
 Data File : FE054612.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2025 14:54
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 27 15:17:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:17:39 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)	12.060	897784	5.528 ug/ml
Spiked Amount 50.000		Recovery =	11.06%
12) S 1-chlorooctadecane (S...	13.496	698976	5.535 ug/ml
Spiked Amount 50.000		Recovery =	11.07%
Target Compounds			
1) T n-Nonane (C9)	3.418	741733	5.514 ug/ml
2) T n-Decane (C10)	4.672	755134	5.534 ug/ml
3) T A~Naphthalene (C11.7)	6.383	837756	5.533 ug/ml
4) T n-Dodecane (C12)	6.843	758434	5.528 ug/ml
5) T A~2-methylnaphthalene...	7.481	812009	5.524 ug/ml
6) T n-Tetradecane (C14)	8.676	778826	5.618 ug/ml
7) T n-Hexadecane (C16)	10.289	786629	5.520 ug/ml
8) T n-Octadecane (C18)	11.736	817448	5.578 ug/ml
10) T n-Eicosane (C20)	13.049	799341	5.559 ug/ml
11) T n-Heneicosane (C21)	13.662	792166	5.546 ug/ml
13) T n-Docosane (C22)	14.250	787773	5.517 ug/ml
14) T n-Tetracosane (C24)	15.354	807739	5.557 ug/ml
15) T n-Hexacosane (C26)	16.377	795436	5.497 ug/ml
16) T n-Octacosane (C28)	17.327	822169	5.641 ug/ml
17) T n-Tricontane (C30)	18.216	953767	6.052 ug/ml
18) T n-Dotriacontane (C32)	19.049	1039900	6.428 ug/ml
19) T n-Tetratriacontane (C34)	19.833	987799	6.482 ug/ml
20) T n-Hexatriacontane (C36)	20.573	858425	6.384 ug/ml
21) T n-Octatriacontane (C38)	21.346	723114	6.166 ug/ml
22) T n-Tetracontane (C40)	22.324	659393	6.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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