

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054270.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 05:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 07:26:30 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)	11.834	3232302	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.279	2398263	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.180	2431902	19.584 ug/ml
2) T n-Decane (C10)	4.443	2438523	19.625 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2630558	19.465 ug/ml
4) T n-Dodecane (C12)	6.626	2509009	19.704 ug/ml
5) T A~2-methylnaphthalene...	7.262	2606809	19.681 ug/ml
6) T n-Tetradecane (C14)	8.461	2531007	19.550 ug/ml
7) T n-Hexadecane (C16)	10.073	2594595	19.532 ug/ml
8) T n-Octadecane (C18)	11.520	2633737	19.504 ug/ml
10) T n-Eicosane (C20)	12.833	2613712	19.538 ug/ml
11) T n-Heneicosane (C21)	13.447	2599382	19.549 ug/ml
13) T n-Docosane (C22)	14.034	2573217	19.625 ug/ml
14) T n-Tetracosane (C24)	15.140	2537750	19.673 ug/ml
15) T n-Hexacosane (C26)	16.163	2470223	19.679 ug/ml
16) T n-Octacosane (C28)	17.114	2415761	19.699 ug/ml
17) T n-Tricontane (C30)	18.005	2438363	19.673 ug/ml
18) T n-Dotriacontane (C32)	18.837	2468268	19.645 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2445407	19.657 ug/ml
20) T n-Hexatriacontane (C36)	20.365	2548409	19.796 ug/ml
21) T n-Octatriacontane (C38)	21.093	2580912	19.546 ug/ml
22) T n-Tetracontane (C40)	21.983	2616865	19.426 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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