

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082725AL\
 Data File : FE055542.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 18:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 01:16:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.076	3043715	21.314 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
12) S 1-chlorooctadecane (S...	13.513	2348484	21.841 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	3.414	2339010	20.380 ug/ml
2) T n-Decane (C10)	4.672	2373258	20.372 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2702085	20.130 ug/ml
4) T n-Dodecane (C12)	6.848	2402423	20.175 ug/ml
5) T A~2-methylnaphthalene...	7.493	2620506	20.098 ug/ml
6) T n-Tetradecane (C14)	8.685	2427930	19.802 ug/ml
7) T n-Hexadecane (C16)	10.300	2558698	20.014 ug/ml
8) T n-Octadecane (C18)	11.750	2706222	20.741 ug/ml
10) T n-Eicosane (C20)	13.065	2679762	21.357 ug/ml
11) T n-Heneicosane (C21)	13.679	2670308	21.663 ug/ml
13) T n-Docosane (C22)	14.268	2696459	22.080 ug/ml
14) T n-Tetracosane (C24)	15.374	2778777	22.845 ug/ml
15) T n-Hexacosane (C26)	16.398	2718591	22.722 ug/ml
16) T n-Octacosane (C28)	17.351	2734239	23.050 ug/ml
17) T n-Tricontane (C30)	18.241	2860779	23.249 ug/ml
18) T n-Dotriacontane (C32)	19.074	2907014	23.826 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2780644	23.783 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2489833	22.780 ug/ml
21) T n-Octatriacontane (C38)	21.378	2428553	22.472 ug/ml
22) T n-Tetracontane (C40)	22.365	2345339	22.427 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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