

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055355.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 11:50
 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

Integration File: autoint1.e
 Quant Time: Aug 18 14:26:39 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)	12.082	2928094	20.504 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	13.518	2211999	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.419	2319456	20.210 ug/ml
2) T n-Decane (C10)	4.677	2385574	20.478 ug/ml
3) T A~Naphthalene (C11.7)	6.397	2710176	20.190 ug/ml
4) T n-Dodecane (C12)	6.853	2442906	20.514 ug/ml
5) T A~2-methylnaphthalene...	7.498	2626861	20.147 ug/ml
6) T n-Tetradecane (C14)	8.690	2479460	20.222 ug/ml
7) T n-Hexadecane (C16)	10.306	2590760	20.265 ug/ml
8) T n-Octadecane (C18)	11.755	2670153	20.465 ug/ml
10) T n-Eicosane (C20)	13.070	2584222	20.596 ug/ml
11) T n-Heneicosane (C21)	13.685	2531722	20.538 ug/ml
13) T n-Docosane (C22)	14.273	2512811	20.577 ug/ml
14) T n-Tetracosane (C24)	15.380	2495920	20.520 ug/ml
15) T n-Hexacosane (C26)	16.404	2457515	20.540 ug/ml
16) T n-Octacosane (C28)	17.357	2450117	20.655 ug/ml
17) T n-Tricontane (C30)	18.246	2559873	20.804 ug/ml
18) T n-Dotriacontane (C32)	19.080	2581622	21.159 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2465303	21.086 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2279330	20.854 ug/ml
21) T n-Octatriacontane (C38)	21.387	2256365	20.879 ug/ml
22) T n-Tetracontane (C40)	22.378	2140846	20.472 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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