

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051861.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 11:42
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File: autoint1.e
 Quant Time: Jan 08 22:55:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.120	2787793	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.548	2167205	18.860 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.528	2141688	19.390 ug/ml
2) T n-Decane (C10)	4.771	2222135	19.528 ug/ml
3) T A~Naphthalene (C11.7)	6.476	2502121	19.619 ug/ml
4) T n-Dodecane (C12)	6.924	2303626	19.616 ug/ml
5) T A~2-methylnaphthalene...	7.567	2466723	19.709 ug/ml
6) T n-Tetradecane (C14)	8.747	2352711	19.623 ug/ml
7) T n-Hexadecane (C16)	10.352	2496505	19.508 ug/ml
8) T n-Octadecane (C18)	11.794	2571142	19.322 ug/ml
10) T n-Eicosane (C20)	13.102	2516611	19.126 ug/ml
11) T n-Heneicosane (C21)	13.714	2482395	18.889 ug/ml
13) T n-Docosane (C22)	14.300	2495981	19.026 ug/ml
14) T n-Tetracosane (C24)	15.401	2528133	19.086 ug/ml
15) T n-Hexacosane (C26)	16.422	2493526	19.004 ug/ml
16) T n-Octacosane (C28)	17.370	2470277	19.132 ug/mlm
17) T n-Tricontane (C30)	18.258	2535589	19.288 ug/ml
18) T n-Dotriacontane (C32)	19.090	2429024	19.140 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2094947	18.855 ug/ml
20) T n-Hexatriacontane (C36)	20.611	1769425	17.935 ug/ml
21) T n-Octatriacontane (C38)	21.391	1657892	17.511 ug/ml
22) T n-Tetracontane (C40)	22.384	1617142	17.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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