

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052387.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 11:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:57:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.915	3538546	18.930 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.361	2647389	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.254	2873839	18.722 ug/ml
2) T n-Decane (C10)	4.516	3039853	19.463 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3354386	19.415 ug/ml
4) T n-Dodecane (C12)	6.698	3088460	19.567 ug/ml
5) T A~2-methylnaphthalene...	7.330	3282194	19.543 ug/ml
6) T n-Tetradecane (C14)	8.535	3066980	19.471 ug/ml
7) T n-Hexadecane (C16)	10.150	3174976	19.426 ug/ml
8) T n-Octadecane (C18)	11.600	3200002	19.340 ug/ml
10) T n-Eicosane (C20)	12.916	3081445	19.329 ug/ml
11) T n-Heneicosane (C21)	13.529	3013654	19.236 ug/ml
13) T n-Docosane (C22)	14.118	3037210	19.407 ug/ml
14) T n-Tetracosane (C24)	15.225	3084306	19.612 ug/mlm
15) T n-Hexacosane (C26)	16.249	3076557	19.863 ug/ml
16) T n-Octacosane (C28)	17.202	3101157	20.274 ug/mlm
17) T n-Tricontane (C30)	18.092	3217245	20.610 ug/ml
18) T n-Dotriacontane (C32)	18.927	3126675	20.433 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2671880	18.781 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2226380	17.863 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2028515	18.559 ug/mlm
22) T n-Tetracontane (C40)	22.120	1936982	19.256 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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