

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052102.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 18:20
 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 01/28/2025
 Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
 Quant Time: Jan 28 02:04:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.195	2699185	18.885 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.610	2096267	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.677	2010757	18.860 ug/ml
2) T n-Decane (C10)	4.904	2133792	19.490 ug/ml
3) T A~Naphthalene (C11.7)	6.598	2423940	19.947 ug/ml
4) T n-Dodecane (C12)	7.031	2235083	19.803 ug/ml
5) T A~2-methylnaphthalene...	7.676	2401150	20.113 ug/ml
6) T n-Tetradecane (C14)	8.837	2304560	19.814 ug/ml
7) T n-Hexadecane (C16)	10.430	2444983	19.386 ug/ml
8) T n-Octadecane (C18)	11.863	2514004	19.001 ug/ml
10) T n-Eicosane (C20)	13.165	2470767	18.847 ug/mlm
11) T n-Heneicosane (C21)	13.773	2406118	18.486 ug/ml
13) T n-Docosane (C22)	14.357	2508581	19.115 ug/ml
14) T n-Tetracosane (C24)	15.454	2697365	20.307 ug/ml
15) T n-Hexacosane (C26)	16.470	2800931	21.189 ug/ml
16) T n-Octacosane (C28)	17.417	2885237	21.860 ug/ml
17) T n-Tricontane (C30)	18.302	3034241	22.255 ug/ml
18) T n-Dotriacontane (C32)	19.132	2917090	22.259 ug/ml
19) T n-Tetratriacontane (C34)	19.913	2386338	21.196 ug/mlm
20) T n-Hexatriacontane (C36)	20.653	1978406	20.829 ug/ml
21) T n-Octatriacontane (C38)	21.436	1861078	21.545 ug/mlm
22) T n-Tetracontane (C40)	22.435	1866176	22.645 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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