

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052115.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 20:29
 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 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 03:06:43 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	2774382	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.609	2148808	18.732 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.676	2066222	19.381 ug/ml
2) T n-Decane (C10)	4.903	2203790	20.130 ug/ml
3) T A~Naphthalene (C11.7)	6.596	2505439	20.618 ug/ml
4) T n-Dodecane (C12)	7.030	2318335	20.541 ug/ml
5) T A~2-methylnaphthalene...	7.675	2483778	20.805 ug/ml
6) T n-Tetradecane (C14)	8.836	2395392	20.595 ug/ml
7) T n-Hexadecane (C16)	10.429	2538704	20.129 ug/ml
8) T n-Octadecane (C18)	11.862	2606835	19.703 ug/ml
10) T n-Eicosane (C20)	13.164	2547371	19.432 ug/ml
11) T n-Heneicosane (C21)	13.772	2474307	19.009 ug/ml
13) T n-Docosane (C22)	14.356	2579353	19.654 ug/ml
14) T n-Tetracosane (C24)	15.453	2768399	20.842 ug/ml
15) T n-Hexacosane (C26)	16.470	2876629	21.762 ug/ml
16) T n-Octacosane (C28)	17.416	2956746	22.402 ug/ml
17) T n-Tricontane (C30)	18.301	3096831	22.714 ug/ml
18) T n-Dotriacontane (C32)	19.131	2953024	22.533 ug/ml
19) T n-Tetratriacontane (C34)	19.913	2370441	21.055 ug/ml
20) T n-Hexatriacontane (C36)	20.651	1952146	20.553 ug/ml
21) T n-Octatriacontane (C38)	21.435	1760540	20.381 ug/mlm
22) T n-Tetracontane (C40)	22.434	1715689	20.819 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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