

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052090.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 11:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 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 01:59:59 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)	12.197	2671271	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.611	2063065	17.984 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.681	2053508	19.261 ug/ml
2) T n-Decane (C10)	4.907	2164797	19.774 ug/ml
3) T A~Naphthalene (C11.7)	6.601	2455982	20.211 ug/ml
4) T n-Dodecane (C12)	7.034	2256945	19.997 ug/ml
5) T A~2-methylnaphthalene...	7.680	2416553	20.242 ug/ml
6) T n-Tetradecane (C14)	8.839	2302228	19.794 ug/ml
7) T n-Hexadecane (C16)	10.432	2420188	19.190 ug/ml
8) T n-Octadecane (C18)	11.865	2471464	18.680 ug/ml
10) T n-Eicosane (C20)	13.166	2394853	18.268 ug/ml
11) T n-Heneicosane (C21)	13.775	2360656	18.136 ug/ml
13) T n-Docosane (C22)	14.357	2343611	17.858 ug/ml
14) T n-Tetracosane (C24)	15.455	2322867	17.487 ug/ml
15) T n-Hexacosane (C26)	16.472	2274569	17.207 ug/ml
16) T n-Octacosane (C28)	17.418	2227923	16.880 ug/ml
17) T n-Tricontane (C30)	18.303	2274987	16.686 ug/ml
18) T n-Dotriacontane (C32)	19.132	2191900	16.725 ug/ml
19) T n-Tetratriacontane (C34)	19.914	1925794	17.105 ug/ml
20) T n-Hexatriacontane (C36)	20.651	1678126	17.668 ug/ml
21) T n-Octatriacontane (C38)	21.436	1600407	18.527 ug/mlm
22) T n-Tetracontane (C40)	22.435	1608899	19.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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