

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051670.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 14:40
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 17 15:03:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 14:51:34 2024
 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)	12.010	897997	5.765 ug/ml
Spiked Amount 50.000		Recovery =	11.53%
12) S 1-chlorooctadecane (S...	13.431	717426	5.890 ug/ml
Spiked Amount 50.000		Recovery =	11.78%
Target Compounds			
1) T n-Nonane (C9)	3.487	671851	5.783 ug/ml
2) T n-Decane (C10)	4.719	695526	5.765 ug/ml
3) T A~Naphthalene (C11.7)	6.404	793736	5.733 ug/ml
4) T n-Dodecane (C12)	6.852	724146	5.727 ug/ml
5) T A~2-methylnaphthalene...	7.485	786852	5.720 ug/ml
6) T n-Tetradecane (C14)	8.662	744401	5.709 ug/ml
7) T n-Hexadecane (C16)	10.257	794681	5.721 ug/ml
8) T n-Octadecane (C18)	11.688	820809	5.731 ug/ml
10) T n-Eicosane (C20)	12.989	807514	5.790 ug/ml
11) T n-Heneicosane (C21)	13.596	799976	5.812 ug/ml
13) T n-Docosane (C22)	14.178	792370	5.800 ug/ml
14) T n-Tetracosane (C24)	15.273	788990	5.846 ug/ml
15) T n-Hexacosane (C26)	16.286	760192	5.829 ug/ml
16) T n-Octacosane (C28)	17.228	731502	5.804 ug/ml
17) T n-Tricontane (C30)	18.109	750468	5.867 ug/ml
18) T n-Dotriacontane (C32)	18.936	718448	5.948 ug/ml
19) T n-Tetratriacontane (C34)	19.714	610533	5.706 ug/ml
20) T n-Hexatriacontane (C36)	20.448	503210	5.305 ug/mlm
21) T n-Octatriacontane (C38)	21.186	502056	5.741 ug/ml
22) T n-Tetracontane (C40)	22.107	549017	5.806 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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