

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051639.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 14:53
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 12 15:24:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:24:13 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)	11.988	1613957	10.699 ug/ml
Spiked Amount 50.000		Recovery =	21.40%
12) S 1-chlorooctadecane (S...	13.406	1297882	10.716 ug/ml
Spiked Amount 50.000		Recovery =	21.43%
Target Compounds			
1) T n-Nonane (C9)	3.481	1220105	10.766 ug/ml
2) T n-Decane (C10)	4.710	1251097	10.758 ug/ml
3) T A~Naphthalene (C11.7)	6.392	1413602	10.770 ug/ml
4) T n-Dodecane (C12)	6.840	1285627	10.748 ug/ml
5) T A~2-methylnaphthalene...	7.471	1387968	10.733 ug/ml
6) T n-Tetradecane (C14)	8.647	1311134	10.726 ug/ml
7) T n-Hexadecane (C16)	10.238	1406324	10.725 ug/ml
8) T n-Octadecane (C18)	11.667	1477079	10.729 ug/ml
10) T n-Eicosane (C20)	12.965	1474283	10.728 ug/ml
11) T n-Heneicosane (C21)	13.571	1486656	10.757 ug/ml
13) T n-Docosane (C22)	14.151	1485568	10.703 ug/ml
14) T n-Tetracosane (C24)	15.244	1529107	10.730 ug/ml
15) T n-Hexacosane (C26)	16.255	1516780	10.667 ug/ml
16) T n-Octacosane (C28)	17.196	1524658	10.733 ug/ml
17) T n-Tricontane (C30)	18.075	1577982	10.790 ug/ml
18) T n-Dotriacontane (C32)	18.899	1516240	10.609 ug/ml
19) T n-Tetratriacontane (C34)	19.675	1333159	10.609 ug/ml
20) T n-Hexatriacontane (C36)	20.409	1176554	10.491 ug/ml
21) T n-Octatriacontane (C38)	21.141	1055533	10.520 ug/ml
22) T n-Tetracontane (C40)	22.050	1066713	10.774 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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