

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051669.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 13:10
 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 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 17 14:39:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 13:33:33 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)	12.011	1561193	10.029 ug/ml
Spiked Amount 50.000		Recovery =	20.06%
12) S 1-chlorooctadecane (S...	13.432	1243390	10.278 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
Target Compounds			
1) T n-Nonane (C9)	3.488	1167084	10.060 ug/ml
2) T n-Decane (C10)	4.719	1211216	10.053 ug/ml
3) T A~Naphthalene (C11.7)	6.405	1390822	10.062 ug/ml
4) T n-Dodecane (C12)	6.853	1265516	10.012 ug/ml
5) T A~2-methylnaphthalene...	7.486	1379038	10.034 ug/ml
6) T n-Tetradecane (C14)	8.663	1302862	9.990 ug/ml
7) T n-Hexadecane (C16)	10.257	1387119	9.982 ug/ml
8) T n-Octadecane (C18)	11.690	1429715	9.976 ug/ml
10) T n-Eicosane (C20)	12.989	1397861	10.032 ug/ml
11) T n-Heneicosane (C21)	13.597	1383790	10.072 ug/ml
13) T n-Docosane (C22)	14.179	1367222	10.011 ug/ml
14) T n-Tetracosane (C24)	15.274	1358618	10.090 ug/ml
15) T n-Hexacosane (C26)	16.287	1306496	10.024 ug/ml
16) T n-Octacosane (C28)	17.231	1255962	9.954 ug/ml
17) T n-Tricontane (C30)	18.112	1294791	10.165 ug/ml
18) T n-Dotriacontane (C32)	18.937	1122240	9.077 ug/mlm
19) T n-Tetratriacontane (C34)	19.716	1070915	10.011 ug/ml
20) T n-Hexatriacontane (C36)	20.450	1010413	10.889 ug/ml
21) T n-Octatriacontane (C38)	21.189	864958	9.854 ug/ml
22) T n-Tetracontane (C40)	22.115	1070528	11.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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