

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100824AL\
 Data File : FE050538.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 15:37
 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 10/08/2024
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e
 Quant Time: Oct 07 16:03:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:03:08 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)	11.864	1598249	10.299 ug/ml
Spiked Amount 50.000		Recovery =	20.60%
12) S 1-chlorooctadecane (S...	13.298	1184740	10.114 ug/ml
Spiked Amount 50.000		Recovery =	20.23%
Target Compounds			
1) T n-Nonane (C9)	3.253	1429353	10.287 ug/ml
2) T n-Decane (C10)	4.503	1451977	10.277 ug/ml
3) T A~Naphthalene (C11.7)	6.215	1409508	9.818 ug/ml
4) T n-Dodecane (C12)	6.670	1456013	10.262 ug/ml
5) T A~2-methylnaphthalene...	7.311	1303112	9.695 ug/ml
6) T n-Tetradecane (C14)	8.497	1444120	10.251 ug/ml
7) T n-Hexadecane (C16)	10.103	1486117	10.224 ug/ml
8) T n-Octadecane (C18)	11.544	1509351	10.256 ug/ml
10) T n-Eicosane (C20)	12.852	1447741	10.270 ug/ml
11) T n-Heneicosane (C21)	13.463	1422566	10.297 ug/ml
13) T n-Docosane (C22)	14.049	1407717	10.232 ug/ml
14) T n-Tetracosane (C24)	15.149	1417214	10.250 ug/ml
15) T n-Hexacosane (C26)	16.170	1413994	10.260 ug/ml
16) T n-Octacosane (C28)	17.118	1469893	10.435 ug/ml
17) T n-Tricontane (C30)	18.006	1614246	10.693 ug/ml
18) T n-Dotriacontane (C32)	18.837	1666044	10.943 ug/ml
19) T n-Tetratriacontane (C34)	19.621	1525013	10.961 ug/ml
20) T n-Hexatriacontane (C36)	20.359	1301715	10.698 ug/ml
21) T n-Octatriacontane (C38)	21.086	1173667	10.191 ug/mlm
22) T n-Tetracontane (C40)	21.971	1141383	10.327 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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