

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102224AL\
 Data File : FE050778.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2024 22:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 01:35:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.860	3085002	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.293	2323457	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.248	2767839	19.590 ug/ml
2) T n-Decane (C10)	4.499	2874845	20.037 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2862830	20.021 ug/ml
4) T n-Dodecane (C12)	6.667	2884289	20.039 ug/ml
5) T A~2-methylnaphthalene...	7.307	2655511	20.045 ug/ml
6) T n-Tetradecane (C14)	8.493	2859619	19.988 ug/ml
7) T n-Hexadecane (C16)	10.099	2921284	19.850 ug/ml
8) T n-Octadecane (C18)	11.540	2931770	19.628 ug/ml
10) T n-Eicosane (C20)	12.847	2786556	19.432 ug/ml
11) T n-Heneicosane (C21)	13.458	2728913	19.432 ug/ml
13) T n-Docosane (C22)	14.044	2716462	19.362 ug/mlm
14) T n-Tetracosane (C24)	15.145	2726143	19.296 ug/ml
15) T n-Hexacosane (C26)	16.165	2735453	19.439 ug/ml
16) T n-Octacosane (C28)	17.113	2762930	18.881 ug/ml
17) T n-Tricontane (C30)	18.001	2998842	18.860 ug/ml
18) T n-Dotriacontane (C32)	18.833	3102175	19.136 ug/ml
19) T n-Tetratriacontane (C34)	19.617	2805514	19.099 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2495341	19.677 ug/ml
21) T n-Octatriacontane (C38)	21.081	2212082	17.890 ug/ml
22) T n-Tetracontane (C40)	21.966	1854465	16.654 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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