

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050870.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 20:53
 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 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e
 Quant Time: Oct 29 03:47:42 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)	11.858	2923825	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.293	2233698	18.883 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.246	2639002	18.678 ug/ml
2) T n-Decane (C10)	4.497	2725627	18.997 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2723379	19.046 ug/ml
4) T n-Dodecane (C12)	6.665	2740050	19.037 ug/ml
5) T A~2-methylnaphthalene...	7.306	2516028	18.992 ug/ml
6) T n-Tetradecane (C14)	8.491	2711988	18.956 ug/ml
7) T n-Hexadecane (C16)	10.097	2782145	18.904 ug/ml
8) T n-Octadecane (C18)	11.538	2788070	18.666 ug/ml
10) T n-Eicosane (C20)	12.847	2674193	18.648 ug/ml
11) T n-Heneicosane (C21)	13.458	2617615	18.640 ug/ml
13) T n-Docosane (C22)	14.043	2610401	18.606 ug/ml
14) T n-Tetracosane (C24)	15.144	2627219	18.596 ug/ml
15) T n-Hexacosane (C26)	16.164	2634480	18.722 ug/ml
16) T n-Octacosane (C28)	17.113	2730921	18.663 ug/mlm
17) T n-Tricontane (C30)	17.999	3057297	19.228 ug/ml
18) T n-Dotriacontane (C32)	18.832	3204050	19.764 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2810528	19.133 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2601736	20.516 ug/ml
21) T n-Octatriacontane (C38)	21.080	2133164	17.252 ug/ml
22) T n-Tetracontane (C40)	21.965	1734865	15.580 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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