

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050691.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 12:01
 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 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 02:56:42 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)	11.857	3272446	20.757 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
12) S 1-chlorooctadecane (S...	13.291	2446691	20.683 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.248	2909196	20.590 ug/ml
2) T n-Decane (C10)	4.498	2980704	20.775 ug/ml
3) T A~Naphthalene (C11.7)	6.208	3005215	21.017 ug/ml
4) T n-Dodecane (C12)	6.665	3015789	20.953 ug/ml
5) T A~2-methylnaphthalene...	7.304	2798519	21.124 ug/ml
6) T n-Tetradecane (C14)	8.491	2981539	20.840 ug/ml
7) T n-Hexadecane (C16)	10.096	3061797	20.805 ug/ml
8) T n-Octadecane (C18)	11.538	3094273	20.716 ug/ml
10) T n-Eicosane (C20)	12.846	2957806	20.626 ug/ml
11) T n-Heneicosane (C21)	13.457	2895881	20.621 ug/ml
13) T n-Docosane (C22)	14.042	2861745	20.398 ug/ml
14) T n-Tetracosane (C24)	15.143	2847983	20.159 ug/ml
15) T n-Hexacosane (C26)	16.162	2850997	20.261 ug/ml
16) T n-Octacosane (C28)	17.111	2869487	19.610 ug/ml
17) T n-Tricontane (C30)	17.997	3017399	18.977 ug/ml
18) T n-Dotriacontane (C32)	18.829	3012592	18.583 ug/ml
19) T n-Tetratriacontane (C34)	19.612	2752301	18.737 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2475356	19.520 ug/ml
21) T n-Octatriacontane (C38)	21.073	2432325	19.671 ug/ml
22) T n-Tetracontane (C40)	21.958	2100234	18.861 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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