

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050847.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 21:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:37:27 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	2745814	17.417 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
12) S 1-chlorooctadecane (S...	13.290	2096482	17.723 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.246	2326376	16.465 ug/ml
2) T n-Decane (C10)	4.496	2464169	17.175 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2440237	17.066 ug/ml
4) T n-Dodecane (C12)	6.663	2492419	17.316 ug/ml
5) T A~2-methylnaphthalene...	7.304	2309186	17.430 ug/ml
6) T n-Tetradecane (C14)	8.490	2487545	17.387 ug/ml
7) T n-Hexadecane (C16)	10.095	2597920	17.653 ug/ml
8) T n-Octadecane (C18)	11.536	2627535	17.591 ug/ml
10) T n-Eicosane (C20)	12.845	2528362	17.631 ug/ml
11) T n-Heneicosane (C21)	13.456	2465086	17.553 ug/ml
13) T n-Docosane (C22)	14.041	2488742	17.739 ug/ml
14) T n-Tetracosane (C24)	15.142	2561078	18.128 ug/ml
15) T n-Hexacosane (C26)	16.161	2588906	18.398 ug/mlm
16) T n-Octacosane (C28)	17.111	2780249	19.000 ug/ml
17) T n-Tricontane (C30)	17.998	3184105	20.025 ug/ml
18) T n-Dotriacontane (C32)	18.830	3338303	20.592 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2972502	20.236 ug/ml
20) T n-Hexatriacontane (C36)	20.353	2487019	19.612 ug/ml
21) T n-Octatriacontane (C38)	21.076	2293151	18.546 ug/ml
22) T n-Tetracontane (C40)	21.961	1922823	17.268 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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