

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051633.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 20:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e
 Quant Time: Dec 12 00:39:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.825	2734220	18.093 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.258	2088648	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.214	2479643	17.693 ug/ml
2) T n-Decane (C10)	4.462	2562854	18.073 ug/ml
3) T A~Naphthalene (C11.7)	6.178	2357991	17.837 ug/ml
4) T n-Dodecane (C12)	6.630	2600950	18.272 ug/ml
5) T A~2-methylnaphthalene...	7.274	2183162	18.198 ug/ml
6) T n-Tetradecane (C14)	8.457	2570887	18.443 ug/ml
7) T n-Hexadecane (C16)	10.062	2613781	18.396 ug/ml
8) T n-Octadecane (C18)	11.504	2627529	18.284 ug/ml
10) T n-Eicosane (C20)	12.811	2503895	18.139 ug/ml
11) T n-Heneicosane (C21)	13.422	2445416	18.041 ug/ml
13) T n-Docosane (C22)	14.008	2439062	18.215 ug/ml
14) T n-Tetracosane (C24)	15.108	2413538	18.266 ug/ml
15) T n-Hexacosane (C26)	16.129	2416668	18.636 ug/ml
16) T n-Octacosane (C28)	17.078	2441990	19.154 ug/ml
17) T n-Tricontane (C30)	17.965	2624029	20.266 ug/mlm
18) T n-Dotriacontane (C32)	18.797	2583619	20.638 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2301964	20.382 ug/ml
20) T n-Hexatriacontane (C36)	20.320	2046020	21.245 ug/ml
21) T n-Octatriacontane (C38)	21.040	1933680	21.239 ug/ml
22) T n-Tetracontane (C40)	21.912	2043530	23.318 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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