

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111124AL\
 Data File : FE051137.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2024 09:11
 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 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File: autoint1.e
 Quant Time: Nov 11 20:46:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.856	3508108	23.372 ug/ml
Spiked Amount 50.000		Recovery =	46.74%
12) S 1-chlorooctadecane (S...	13.288	2644257	23.291 ug/ml
Spiked Amount 50.000		Recovery =	46.58%
Target Compounds			
1) T n-Nonane (C9)	3.240	3216213	23.244 ug/ml
2) T n-Decane (C10)	4.491	3299764	23.540 ug/ml
3) T A~Naphthalene (C11.7)	6.204	3197640	24.252 ug/ml
4) T n-Dodecane (C12)	6.660	3328278	23.572 ug/ml
5) T A~2-methylnaphthalene...	7.301	2999095	23.975 ug/ml
6) T n-Tetradecane (C14)	8.487	3264213	23.422 ug/ml
7) T n-Hexadecane (C16)	10.093	3328493	23.455 ug/ml
8) T n-Octadecane (C18)	11.535	3350597	23.463 ug/ml
10) T n-Eicosane (C20)	12.842	3187140	23.288 ug/ml
11) T n-Heneicosane (C21)	13.453	3129185	23.414 ug/ml
13) T n-Docosane (C22)	14.039	3106713	23.367 ug/ml
14) T n-Tetracosane (C24)	15.140	3142637	23.690 ug/ml
15) T n-Hexacosane (C26)	16.161	3156639	23.580 ug/ml
16) T n-Octacosane (C28)	17.109	3217466	23.601 ug/ml
17) T n-Tricontane (C30)	17.997	3439114	23.671 ug/mlm
18) T n-Dotriacontane (C32)	18.829	3588853	24.170 ug/ml
19) T n-Tetratriacontane (C34)	19.612	3358151	24.993 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2909915	24.388 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2631623	23.122 ug/ml
22) T n-Tetracontane (C40)	21.959	1984381	17.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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