

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041460.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 19:55
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:31:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 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)	11.970	1008438	5.375 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.406	752185	5.324 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T n-Nonane (C9)	3.356	784968	5.340 ug/ml
2) T n-Decane (C10)	4.606	800958	5.340 ug/ml
3) T A~Naphthalene (C11.7)	6.308	883038	5.336 ug/ml
4) T n-Dodecane (C12)	6.773	810742	5.332 ug/ml
5) T A~2-methylnaphthalene...	7.404	858844	5.326 ug/ml
6) T n-Tetradecane (C14)	8.601	803882	5.292 ug/ml
7) T n-Hexadecane (C16)	10.208	853397	5.348 ug/ml
8) T n-Octadecane (C18)	11.652	875757	5.343 ug/ml
10) T n-Eicosane (C20)	12.962	862696	5.364 ug/ml
11) T n-Heneicosane (C21)	13.574	852239	5.348 ug/ml
13) T n-Docosane (C22)	14.160	848604	5.326 ug/ml
14) T n-Tetracosane (C24)	15.263	864982	5.365 ug/ml
15) T n-Hexacosane (C26)	16.284	839589	5.311 ug/ml
16) T n-Octacosane (C28)	17.232	817992	5.316 ug/ml
17) T n-Tricontane (C30)	18.118	807994	5.305 ug/ml
18) T n-Dotriacontane (C32)	18.952	788055	5.290 ug/ml
19) T n-Tetratriacontane (C34)	19.733	746831	5.297 ug/mlm
20) T n-Hexatriacontane (C36)	20.472	705248	5.268 ug/mlm
21) T n-Octatriacontane (C38)	21.222	732000	5.537 ug/mlm
22) T n-Tetracontane (C40)	22.154	669392	5.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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