

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044805.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 05:47
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 12 06:14:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:14:39 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)	11.912	1078402	5.379 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
12) S 1-chlorooctadecane (S...	13.353	791247	5.347 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.296	899028	5.359 ug/ml
2) T n-Decane (C10)	4.547	910492	5.345 ug/ml
3) T A~Naphthalene (C11.7)	6.249	976122	5.273 ug/ml
4) T n-Dodecane (C12)	6.712	918422	5.320 ug/ml
5) T A~2-methylnaphthalene...	7.344	939040	5.206 ug/ml
6) T n-Tetradecane (C14)	8.539	911028	5.313 ug/ml
7) T n-Hexadecane (C16)	10.150	935322	5.349 ug/ml
8) T n-Octadecane (C18)	11.596	935934	5.366 ug/ml
10) T n-Eicosane (C20)	12.908	900567	5.392 ug/ml
11) T n-Heneicosane (C21)	13.521	878541	5.389 ug/ml
13) T n-Docosane (C22)	14.109	862647	5.393 ug/ml
14) T n-Tetracosane (C24)	15.214	836998	5.393 ug/ml
15) T n-Hexacosane (C26)	16.237	809937	5.395 ug/ml
16) T n-Octacosane (C28)	17.188	798311	5.436 ug/ml
17) T n-Tricontane (C30)	18.077	811607	5.457 ug/ml
18) T n-Dotriacontane (C32)	18.910	829103	5.524 ug/ml
19) T n-Tetratriacontane (C34)	19.695	817705	5.493 ug/ml
20) T n-Hexatriacontane (C36)	20.437	843227	5.485 ug/ml
21) T n-Octatriacontane (C38)	21.177	841007	5.384 ug/ml
22) T n-Tetracontane (C40)	22.096	908410	5.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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