

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091923AL\
 Data File : FE044349.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2023 20:01
 Operator : YP\AJ
 Sample : 04479-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

1028MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :Ankita Jodhani 09/20/2023

Integration File: autoint1.e

Quant Time: Sep 20 01:41:34 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.934	5001916	26.402 ug/ml
Spiked Amount 50.000		Recovery =	52.80%
12) S 1-chlorooctadecane (S...	13.374	4300558	31.130 ug/ml
Spiked Amount 50.000		Recovery =	62.26%
Target Compounds			
1) T n-Nonane (C9)	3.316	3160099	19.371 ug/ml
2) T n-Decane (C10)	4.569	3710228	22.322 ug/ml
3) T A~Naphthalene (C11.7)	6.272	4104253	22.920 ug/ml
4) T n-Dodecane (C12)	6.734	4265112	25.361 ug/ml
5) T A~2-methylnaphthalene...	7.368	4333693	25.279 ug/ml
6) T n-Tetradecane (C14)	8.563	4686965	27.947 ug/ml
7) T n-Hexadecane (C16)	10.171	4950943	28.645 ug/ml
8) T n-Octadecane (C18)	11.617	4895466	28.123 ug/ml
10) T n-Eicosane (C20)	12.929	4995963	30.203 ug/ml
11) T n-Heneicosane (C21)	13.542	4832031	29.873 ug/ml
13) T n-Docosane (C22)	14.128	5021365	31.431 ug/ml
14) T n-Tetracosane (C24)	15.221	9327593	59.648 ug/ml
15) T n-Hexacosane (C26)	16.259	4595585	30.484 ug/ml
16) T n-Octacosane (C28)	17.210	5114872	35.443 ug/mlm
17) T n-Tricontane (C30)	18.102	4820016	33.177 ug/mlm
18) T n-Dotriacontane (C32)	18.939	4507687	31.645 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	5052177	36.103 ug/mlm
20) T n-Hexatriacontane (C36)	20.471	4807881	35.070 ug/mlm
21) T n-Octatriacontane (C38)	21.221	5802395	41.799 ug/mlm
22) T n-Tetracontane (C40)	22.152	5209238	37.677 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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