

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122823AL\
 Data File : FE046013.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2023 19:32
 Operator : YP\AJ
 Sample : 06035-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-5-122723MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :Ankita Jodhani 12/29/2023

Integration File: autoint1.e

Quant Time: Dec 28 23:53:35 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.845	4917550	23.516 ug/ml
Spiked Amount 50.000		Recovery =	47.03%
12) S 1-chlorooctadecane (S...	13.296	51363955	326.440 ug/ml
Spiked Amount 50.000		Recovery =	652.88%
Target Compounds			
1) T n-Nonane (C9)	3.229	4665187	29.419 ug/ml
2) T n-Decane (C10)	4.479	5384856	33.627 ug/mlm
3) T A~Naphthalene (C11.7)	6.181	6496068	37.292 ug/mlm
4) T n-Dodecane (C12)	6.647	6503367	40.261 ug/ml
5) T A~2-methylnaphthalene...	7.278	6997471	41.206 ug/ml
6) T n-Tetradecane (C14)	8.477	7931988	49.444 ug/ml
7) T n-Hexadecane (C16)	10.086	8608493	51.986 ug/ml
8) T n-Octadecane (C18)	11.532	8377982	48.866 ug/ml
10) T n-Eicosane (C20)	12.847	8240497	47.627 ug/ml
11) T n-Heneicosane (C21)	13.463	7691946	44.713 ug/ml
13) T n-Docosane (C22)	14.047	7551671	43.798 ug/ml
14) T n-Tetracosane (C24)	15.152	16307309	93.409 ug/ml
15) T n-Hexacosane (C26)	16.180	6833904	39.241 ug/mlm
16) T n-Octacosane (C28)	17.134	8253340	47.753 ug/ml
17) T n-Tricontane (C30)	18.027	7097482	40.569 ug/ml
18) T n-Dotriacontane (C32)	18.865	7832852	42.935 ug/ml
19) T n-Tetratriacontane (C34)	19.657	6746428	40.658 ug/mlm
20) T n-Hexatriacontane (C36)	20.399	6556665	41.305 ug/ml
21) T n-Octatriacontane (C38)	21.143	6747173	43.025 ug/mlm
22) T n-Tetracontane (C40)	22.058	6945179	48.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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