

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045552.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 13:45
 Operator : YP\AJ
 Sample : PB157427BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157427BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e

Quant Time: Nov 28 23:05:42 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.868	7745077	40.565 ug/ml
Spiked Amount 50.000		Recovery =	81.13%
12) S 1-chlorooctadecane (S...	13.310	5614537	40.762 ug/ml
Spiked Amount 50.000		Recovery =	81.52%
Target Compounds			
1) T n-Nonane (C9)	3.270	7122308	43.113 ug/ml
2) T n-Decane (C10)	4.513	7477886	44.596 ug/ml
3) T A~Naphthalene (C11.7)	6.206	8480508	47.510 ug/ml
4) T n-Dodecane (C12)	6.673	7957128	47.116 ug/ml
5) T A~2-methylnaphthalene...	7.301	8337871	48.556 ug/ml
6) T n-Tetradecane (C14)	8.501	8586347	51.518 ug/ml
7) T n-Hexadecane (C16)	10.110	9090747	54.046 ug/ml
8) T n-Octadecane (C18)	11.556	9267157	55.369 ug/ml
10) T n-Eicosane (C20)	12.868	9107956	57.497 ug/ml
11) T n-Heneicosane (C21)	13.480	8584859	55.834 ug/ml
13) T n-Docosane (C22)	14.068	8448255	55.759 ug/ml
14) T n-Tetracosane (C24)	15.152	16802231	113.444 ug/mlm
15) T n-Hexacosane (C26)	16.198	8069361	55.362 ug/ml
16) T n-Octacosane (C28)	17.148	8370585	57.282 ug/ml
17) T n-Tricontane (C30)	18.037	8099857	53.324 ug/ml
18) T n-Dotriacontane (C32)	18.871	8390297	53.708 ug/ml
19) T n-Tetratriacontane (C34)	19.657	8244553	52.803 ug/mlm
20) T n-Hexatriacontane (C36)	20.400	7957220	49.022 ug/mlm
21) T n-Octatriacontane (C38)	21.135	7583987	45.647 ug/ml
22) T n-Tetracontane (C40)	22.043	6476991	37.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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