

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046488.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 13:46
 Operator : YP\AJ
 Sample : PB158729BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158729BS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/01/2024

Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e

Quant Time: Jan 31 21:35:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

QLast Update : Thu Jan 25 14:56:03 2024

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)	11.822	7212563	39.006 ug/ml
Spiked Amount 50.000		Recovery =	78.01%
12) S 1-chlorooctadecane (S...	13.262	5974033	41.989 ug/ml
Spiked Amount 50.000		Recovery =	83.98%
Target Compounds			
1) T n-Nonane (C9)	3.226	7027237	43.505 ug/ml
2) T n-Decane (C10)	4.469	7508003	45.813 ug/ml
3) T A~Naphthalene (C11.7)	6.167	9025883	52.783 ug/ml
4) T n-Dodecane (C12)	6.629	8172291	49.406 ug/ml
5) T A~2-methylnaphthalene...	7.262	8791954	55.125 ug/ml
6) T n-Tetradecane (C14)	8.455	8238956	50.269 ug/ml
7) T n-Hexadecane (C16)	10.063	8165917	47.787 ug/ml
8) T n-Octadecane (C18)	11.508	8254759	47.349 ug/ml
10) T n-Eicosane (C20)	12.818	8323219	49.022 ug/ml
11) T n-Heneicosane (C21)	13.430	8002030	47.977 ug/ml
13) T n-Docosane (C22)	14.017	7911465	47.755 ug/ml
14) T n-Tetracosane (C24)	15.121	18201618	110.311 ug/ml
15) T n-Hexacosane (C26)	16.145	7682661	47.600 ug/ml
16) T n-Octacosane (C28)	17.093	9520509	60.648 ug/mlm
17) T n-Tricontane (C30)	17.986	7583970	48.419 ug/ml
18) T n-Dotriacontane (C32)	18.818	7942693	52.545 ug/mlm
19) T n-Tetratriacontane (C34)	19.604	6664856	46.990 ug/ml
20) T n-Hexatriacontane (C36)	20.345	5945437	43.133 ug/ml
21) T n-Octatriacontane (C38)	21.074	5619941	43.839 ug/ml
22) T n-Tetracontane (C40)	21.961	5537496	44.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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