

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015691.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 16:26
 Operator : YP\AJ
 Sample : PB167630BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167630BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e

Quant Time: Apr 18 01:25:18 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Thu Apr 17 12:40:13 2025

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)	11.905	5717533	39.438 ug/ml
Spiked Amount 50.000		Recovery =	78.88%
12) S 1-chlorooctadecane (S...	13.348	4464441	42.217 ug/ml
Spiked Amount 50.000		Recovery =	84.43%
Target Compounds			
1) T n-Nonane (C9)	3.257	4284047	38.336 ug/ml
2) T n-Decane (C10)	4.513	4472657	39.886 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5089160	43.865 ug/ml
4) T n-Dodecane (C12)	6.690	4684401	40.970 ug/ml
5) T A~2-methylnaphthalene...	7.323	4648764	41.758 ug/ml
6) T n-Tetradecane (C14)	8.526	4847006	42.534 ug/ml
7) T n-Hexadecane (C16)	10.140	4898130	41.890 ug/ml
8) T n-Octadecane (C18)	11.588	4940443	41.301 ug/ml
10) T n-Eicosane (C20)	12.903	5106712	42.915 ug/ml
11) T n-Heneicosane (C21)	13.517	4880428	41.261 ug/ml
13) T n-Docosane (C22)	14.105	4838974	41.495 ug/ml
14) T n-Tetracosane (C24)	15.198	9531766	82.707 ug/mlm
15) T n-Hexacosane (C26)	16.238	4657344	41.706 ug/ml
16) T n-Octacosane (C28)	17.188	4688946	43.085 ug/ml
17) T n-Tricontane (C30)	18.078	4495178	41.270 ug/ml
18) T n-Dotriacontane (C32)	18.911	4434579	41.220 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4204127	41.261 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3892481	39.792 ug/ml
21) T n-Octatriacontane (C38)	21.178	3523345	38.601 ug/ml
22) T n-Tetracontane (C40)	22.097	3003680	35.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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