

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015702.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 14:09
 Operator : YP\AJ
 Sample : PB167646BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167646BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/21/2025

Supervised By :mohammad ahmed 04/22/2025

Integration File: autoint1.e

Quant Time: Apr 19 01:54:05 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)	11.903	6649088	45.864 ug/ml
Spiked Amount 50.000		Recovery =	91.73%
12) S 1-chlorooctadecane (S...	13.349	5221492	49.376 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
Target Compounds			
1) T n-Nonane (C9)	3.248	4060896	36.339 ug/ml
2) T n-Decane (C10)	4.506	4275678	38.130 ug/ml
3) T A~Naphthalene (C11.7)	6.216	5049638	43.524 ug/ml
4) T n-Dodecane (C12)	6.685	4643519	40.613 ug/ml
5) T A~2-methylnaphthalene...	7.319	4789879	43.025 ug/ml
6) T n-Tetradecane (C14)	8.524	5163532	45.312 ug/ml
7) T n-Hexadecane (C16)	10.137	5591218	47.817 ug/ml
8) T n-Octadecane (C18)	11.588	5801381	48.499 ug/ml
10) T n-Eicosane (C20)	12.902	6052456	50.863 ug/ml
11) T n-Heneicosane (C21)	13.516	5811462	49.132 ug/ml
13) T n-Docosane (C22)	14.104	5785249	49.609 ug/ml
14) T n-Tetracosane (C24)	15.198	11098859	96.304 ug/mlm
15) T n-Hexacosane (C26)	16.238	5606870	50.209 ug/ml
16) T n-Octacosane (C28)	17.188	5661302	52.019 ug/ml
17) T n-Tricontane (C30)	18.079	5358755	49.198 ug/ml
18) T n-Dotriacontane (C32)	18.912	5227662	48.592 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4988432	48.958 ug/ml
20) T n-Hexatriacontane (C36)	20.436	4649813	47.534 ug/ml
21) T n-Octatriacontane (C38)	21.179	4171946	45.707 ug/ml
22) T n-Tetracontane (C40)	22.102	3375468	39.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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