

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068163.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 14:28
 Operator : YP/AJ
 Sample : PB166417BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166417BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Jan 31 22:15:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 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)	11.422	5633426	36.050 ug/ml
Spiked Amount 50.000		Recovery =	72.10%
12) S 1-chlorooctadecane (S...	12.862	4459606	38.778 ug/ml
Spiked Amount 50.000		Recovery =	77.56%
Target Compounds			
1) T n-Nonane (C9)	3.242	6877569	50.226 ug/ml
2) T n-Decane (C10)	4.294	7231776	52.090 ug/ml
3) T A~Naphthalene (C11.7)	5.858	8295085	55.254 ug/ml
4) T n-Dodecane (C12)	6.297	7286249	52.157 ug/ml
5) T A~2-methylnaphthalene...	6.908	7630698	53.126 ug/ml
6) T n-Tetradecane (C14)	8.086	7321859	53.649 ug/ml
7) T n-Hexadecane (C16)	9.679	7188011	51.732 ug/mlm
8) T n-Octadecane (C18)	11.118	7091598	50.685 ug/ml
10) T n-Eicosane (C20)	12.424	7264693	54.294 ug/ml
11) T n-Heneicosane (C21)	13.033	6894721	52.495 ug/ml
13) T n-Docosane (C22)	13.617	6823062	52.674 ug/ml
14) T n-Tetracosane (C24)	14.681	14172015	110.386 ug/mlm
15) T n-Hexacosane (C26)	15.738	6578114	52.275 ug/ml
16) T n-Octacosane (C28)	16.684	6510893	52.057 ug/ml
17) T n-Tricontane (C30)	17.573	6488798	50.201 ug/ml
18) T n-Dotriacontane (C32)	18.400	6329284	50.630 ug/ml
19) T n-Tetratriacontane (C34)	19.183	6120452	56.422 ug/ml
20) T n-Hexatriacontane (C36)	19.920	5603522	60.550 ug/ml
21) T n-Octatriacontane (C38)	20.633	5219843	60.917 ug/ml
22) T n-Tetracontane (C40)	21.495	4954449	61.272 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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