

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068112.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 14:12
 Operator : YP/AJ
 Sample : PB166217BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166217BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/27/2025

Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e

Quant Time: Jan 25 04:33:06 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)	11.429	5786690	37.031 ug/ml
Spiked Amount 50.000		Recovery =	74.06%
12) S 1-chlorooctadecane (S...	12.869	4539684	39.475 ug/ml
Spiked Amount 50.000		Recovery =	78.95%
Target Compounds			
1) T n-Nonane (C9)	3.245	5860646	42.799 ug/ml
2) T n-Decane (C10)	4.298	6131522	44.165 ug/ml
3) T A~Naphthalene (C11.7)	5.863	7048009	46.947 ug/ml
4) T n-Dodecane (C12)	6.302	6180420	44.241 ug/ml
5) T A~2-methylnaphthalene...	6.914	6479324	45.110 ug/ml
6) T n-Tetradecane (C14)	8.092	6215991	45.546 ug/ml
7) T n-Hexadecane (C16)	9.685	6090173	43.831 ug/ml
8) T n-Octadecane (C18)	11.123	6011845	42.968 ug/ml
10) T n-Eicosane (C20)	12.429	6108719	45.655 ug/ml
11) T n-Heneicosane (C21)	13.038	5792848	44.106 ug/ml
13) T n-Docosane (C22)	13.624	5713684	44.109 ug/ml
14) T n-Tetracosane (C24)	14.686	11856801	92.353 ug/mlm
15) T n-Hexacosane (C26)	15.743	5430571	43.156 ug/ml
16) T n-Octacosane (C28)	16.688	5295905	42.343 ug/ml
17) T n-Tricontane (C30)	17.576	5297653	40.986 ug/ml
18) T n-Dotriacontane (C32)	18.404	5176278	41.406 ug/ml
19) T n-Tetratriacontane (C34)	19.186	5092565	46.947 ug/ml
20) T n-Hexatriacontane (C36)	19.924	4824236	52.130 ug/ml
21) T n-Octatriacontane (C38)	20.638	4691239	54.748 ug/ml
22) T n-Tetracontane (C40)	21.499	4581310	56.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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