

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068209.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 14:50
 Operator : YP/AJ
 Sample : PB166589BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166589BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 00:31:55 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)	11.410	5969393	38.200 ug/ml
Spiked Amount 50.000		Recovery =	76.40%
12) S 1-chlorooctadecane (S...	12.851	4697728	40.849 ug/ml
Spiked Amount 50.000		Recovery =	81.70%
Target Compounds			
1) T n-Nonane (C9)	3.221	5436328	39.701 ug/ml
2) T n-Decane (C10)	4.275	5702338	41.074 ug/mlm
3) T A~Naphthalene (C11.7)	5.840	6551748	43.642 ug/ml
4) T n-Dodecane (C12)	6.281	5701927	40.816 ug/ml
5) T A~2-methylnaphthalene...	6.892	5941978	41.369 ug/ml
6) T n-Tetradecane (C14)	8.071	5675467	41.585 ug/ml
7) T n-Hexadecane (C16)	9.665	5518266	39.715 ug/ml
8) T n-Octadecane (C18)	11.104	5412531	38.684 ug/ml
10) T n-Eicosane (C20)	12.452	5796109	43.319 ug/ml
11) T n-Heneicosane (C21)	13.020	5199992	39.592 ug/ml
13) T n-Docosane (C22)	13.605	5142195	39.697 ug/ml
14) T n-Tetracosane (C24)	14.667	10595254	82.526 ug/mlm
15) T n-Hexacosane (C26)	15.727	4925121	39.139 ug/ml
16) T n-Octacosane (C28)	16.673	4903646	39.206 ug/ml
17) T n-Tricontane (C30)	17.560	4891965	37.847 ug/ml
18) T n-Dotriacontane (C32)	18.392	4834879	38.675 ug/ml
19) T n-Tetratriacontane (C34)	19.173	4867207	44.869 ug/ml
20) T n-Hexatriacontane (C36)	19.912	4668201	50.443 ug/ml
21) T n-Octatriacontane (C38)	20.625	4609315	53.792 ug/ml
22) T n-Tetracontane (C40)	21.483	4561808	56.416 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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