Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070224AL\
Data File : FC066712.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2024 07:14
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024

Integration File: autoint1.e
Quant Time: Jul 03 02:59:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
Quant Title : GC Extractables
QLast Update : Mon Jun 17 13:44:39 2024
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)	11.528	3658240	21.209 ug/ml
Spiked Amount	50.000		Recovery =	42.42%
12) S	1-chlorooctadecane (S...	12.966	2757955	19.988 ug/ml
Spiked Amount	50.000		Recovery =	39.98%
	Target Compounds			
1) T	n-Nonane (C9)	3.290	3119759	21.472 ug/ml
2) T	n-Decane (C10)	4.356	3312729	22.209 ug/ml
3) T	A~Naphthalene (C11.7)	5.938	3629146	22.352 ug/ml
4) T	n-Dodecane (C12)	6.375	3335530	22.008 ug/ml
5) T	A~2-methylnaphthalene...	6.995	3519568	22.154 ug/ml
6) T	n-Tetradecane (C14)	8.170	3293240	21.711 ug/ml
7) T	n-Hexadecane (C16)	9.772	3411003	21.294 ug/ml
8) T	n-Octadecane (C18)	11.213	3438034	20.720 ug/ml
10) T	n-Eicosane (C20)	12.522	3283446	20.198 ug/ml
11) T	n-Heneicosane (C21)	13.134	3212832	19.940 ug/ml
13) T	n-Docosane (C22)	13.720	3187094	19.879 ug/ml
14) T	n-Tetracosane (C24)	14.823	3158406	19.901 ug/ml
15) T	n-Hexacosane (C26)	15.842	3066570	20.083 ug/ml
16) T	n-Octacosane (C28)	16.792	3032284	21.021 ug/ml
17) T	n-Tricontane (C30)	17.678	3163289	22.641 ug/ml
18) T	n-Dotriacontane (C32)	18.510	3095719	23.457 ug/ml
19) T	n-Tetratriacontane (C34)	19.296	2859798	23.124 ug/ml
20) T	n-Hexatriacontane (C36)	20.034	2609896	21.655 ug/mlm
21) T	n-Octatriacontane (C38)	20.764	2456162	21.480 ug/ml
22) T	n-Tetracontane (C40)	21.662	2329311	20.740 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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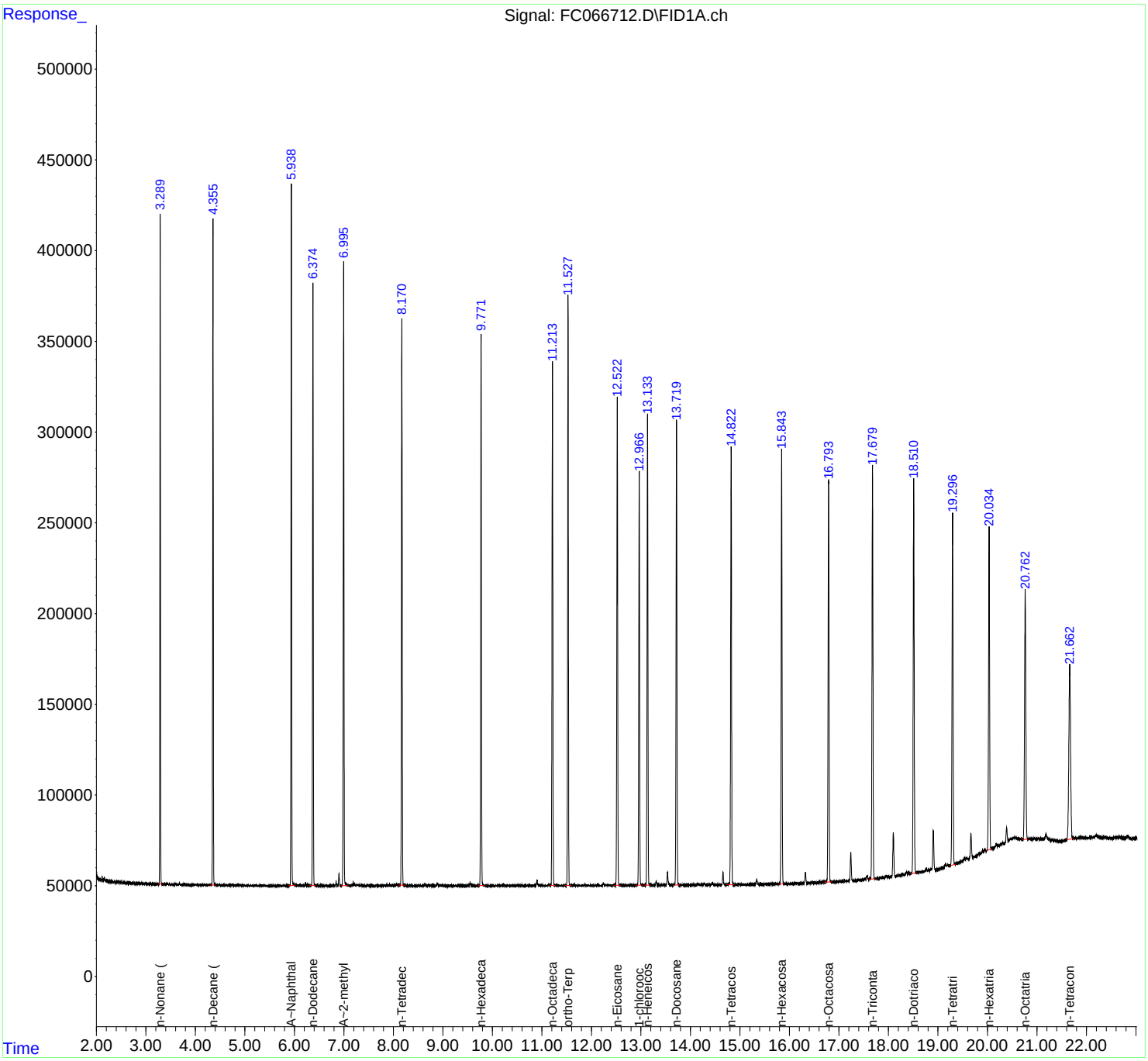
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