Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
Data File : FD040475.D
Signal(s) : FID2B.CH
Acq On : 07 Jan 2022 10:58
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 07 11:32:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
Quant Title : GC Extractables
QLast Update : Wed Jan 05 07:08:39 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.626	3527488	22.878 ug/ml
Spiked Amount	50.000		Recovery =	45.76%
12) S	1-chlorooctadecane (S...	12.063	2682276	22.788 ug/ml
Spiked Amount	50.000		Recovery =	45.58%
	Target Compounds			
1) T	n-Nonane (C9)	2.573	2896534	22.562 ug/ml
2) T	n-Decane (C10)	3.560	2943831	22.862 ug/ml
3) T	A~Naphthalene (C11.7)	5.090	3280004	23.087 ug/ml
4) T	n-Dodecane (C12)	5.529	2975319	23.278 ug/ml
5) T	A~2-methylnaphthalene...	6.130	3311274	23.472 ug/ml
6) T	n-Tetradecane (C14)	7.305	3057641	23.604 ug/ml
7) T	n-Hexadecane (C16)	8.893	3088169	23.703 ug/ml
8) T	n-Octadecane (C18)	10.325	3170666	23.400 ug/ml
10) T	n-Eicosane (C20)	11.626	3129274	23.006 ug/ml
11) T	n-Heneicosane (C21)	12.234	3138649	22.666 ug/ml
13) T	n-Docosane (C22)	12.816	3125171	22.665 ug/ml
14) T	n-Tetracosane (C24)	13.913	3141270	22.466 ug/ml
15) T	n-Hexacosane (C26)	14.928	3024005	21.938 ug/ml
16) T	n-Octacosane (C28)	15.872	2954836	21.777 ug/ml
17) T	n-Tricontane (C30)	16.756	2835799	21.757 ug/ml
18) T	n-Dotriacontane (C32)	17.584	2600401	21.753 ug/ml
19) T	n-Tetratriacontane (C34)	18.364	2384007	22.642 ug/ml
20) T	n-Hexatriacontane (C36)	19.100	2191296	21.625 ug/ml
21) T	n-Octatriacontane (C38)	19.800	2070849	23.178 ug/ml
22) T	n-Tetracontane (C40)	20.598	2095395	24.513 ug/ml

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

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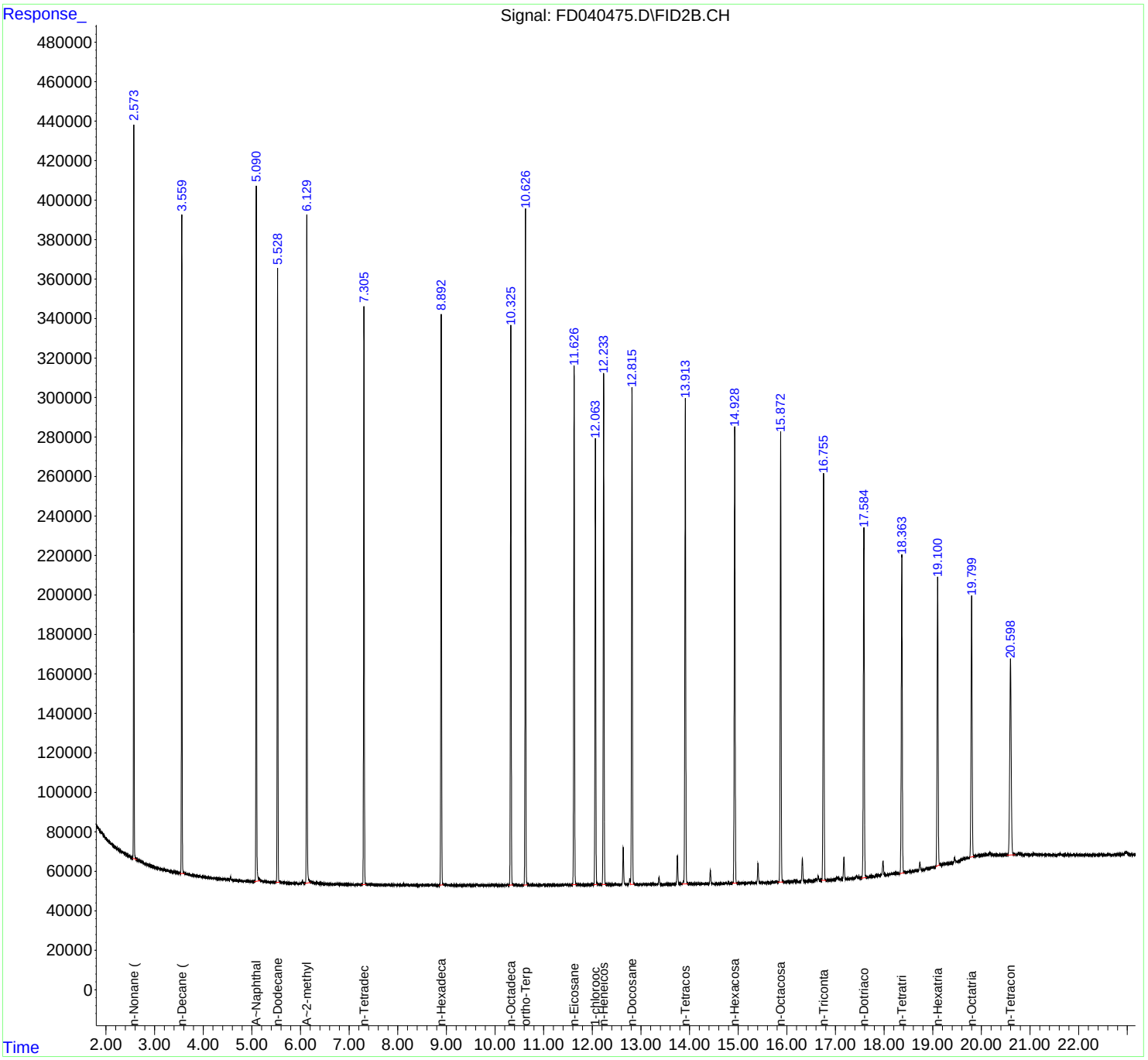
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