

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066873.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 20:36
 Operator : YP/AJ
 Sample : P3390-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:24:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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			
12) S 1-chlorooctadecane (S...	12.958	3299955	29.512 ug/ml
Spiked Amount 50.000		Recovery =	59.02%
Target Compounds			
1) T n-Nonane (C9)	3.286	185479	1.307 ug/ml
2) T n-Decane (C10)	4.351	224842	1.521 ug/ml
4) T n-Dodecane (C12)	6.368	351510	2.345 ug/ml
6) T n-Tetradecane (C14)	8.163	310551	2.123 ug/ml
7) T n-Hexadecane (C16)	9.762	272628	1.822 ug/ml
8) T n-Octadecane (C18)	11.203	278334	1.876 ug/ml
10) T n-Eicosane (C20)	12.512	285861	2.051 ug/ml
11) T n-Heneicosane (C21)	13.124	260168	1.910 ug/ml
13) T n-Docosane (C22)	13.710	278359	2.072 ug/ml
14) T n-Tetracosane (C24)	14.812	277872	2.089 ug/ml
15) T n-Hexacosane (C26)	15.832	278602	2.141 ug/ml
16) T n-Octacosane (C28)	16.782	275944	2.187 ug/ml
17) T n-Tricontane (C30)	17.670	294682	2.292 ug/ml
18) T n-Dotriacontane (C32)	18.502	303439	2.410 ug/ml
19) T n-Tetratriacontane (C34)	19.285	287790	2.326 ug/ml
20) T n-Hexatriacontane (C36)	20.025	278737	2.396 ug/ml
21) T n-Octatriacontane (C38)	20.753	266102	2.395 ug/ml
22) T n-Tetracontane (C40)	21.649	247962	2.281 ug/ml

(f)=RT Delta > 1/2 Window

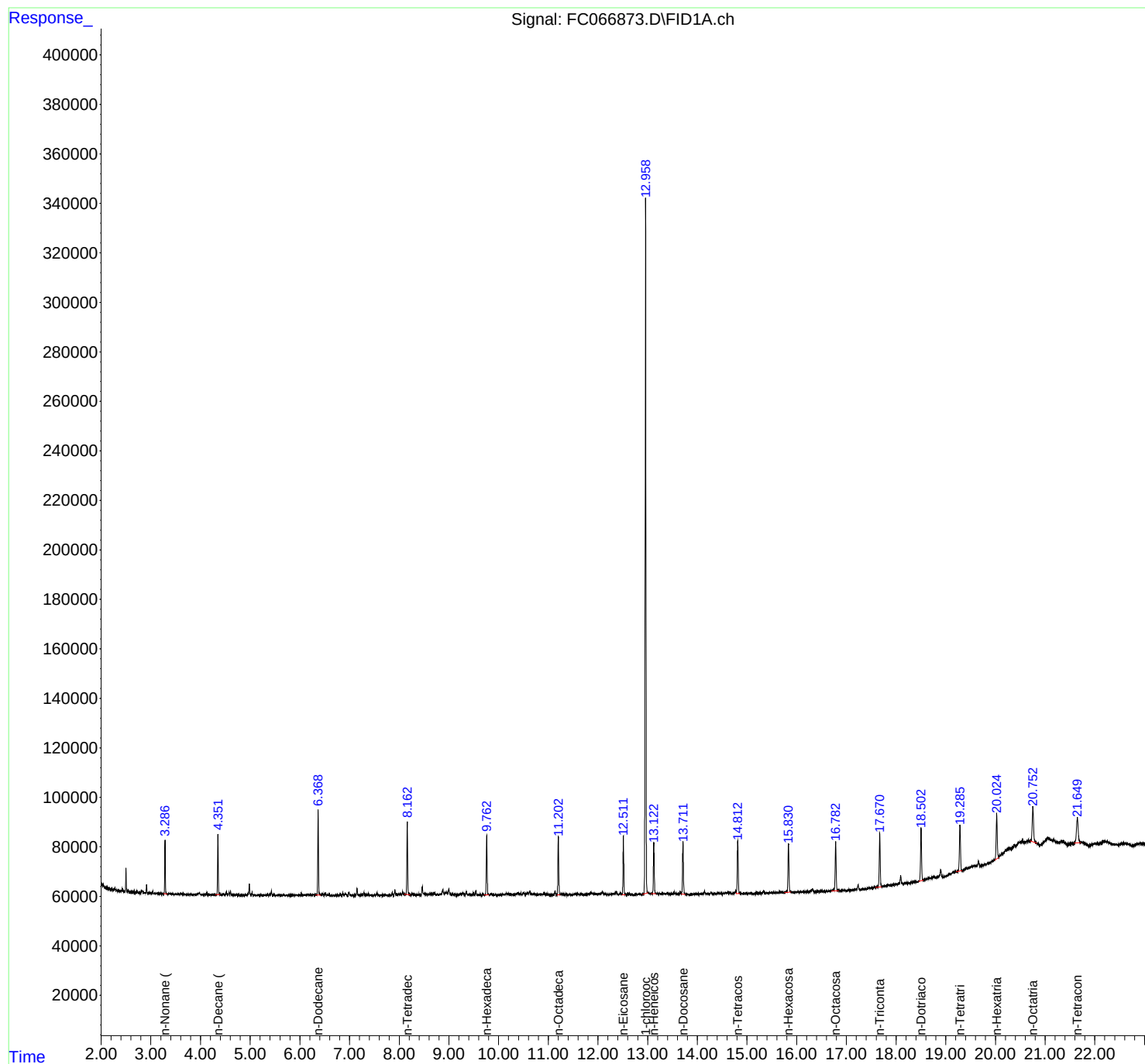
(m)=manual int.

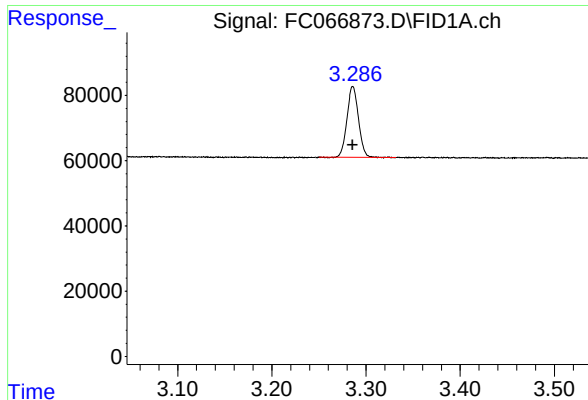
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#1 n-Nonane (C9)

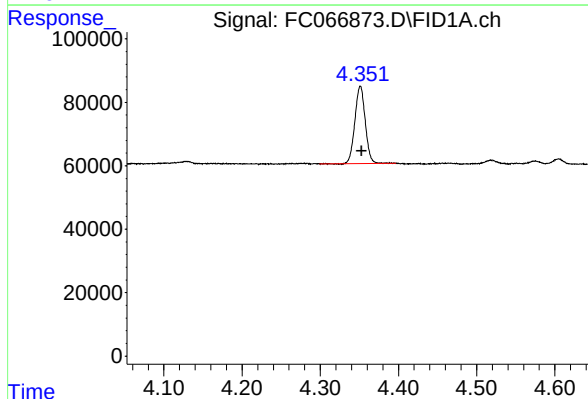
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 185479
Conc: 1.31 ug/ml

Instrument :

FID_C

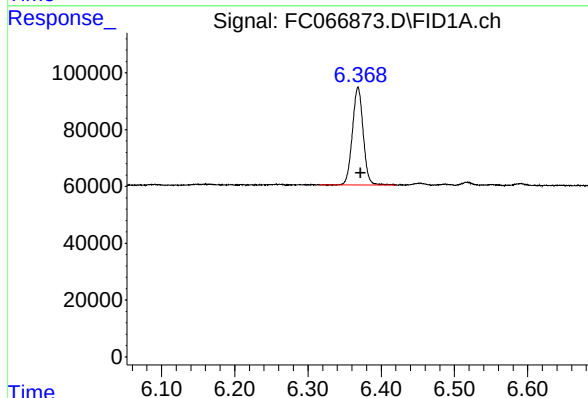
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



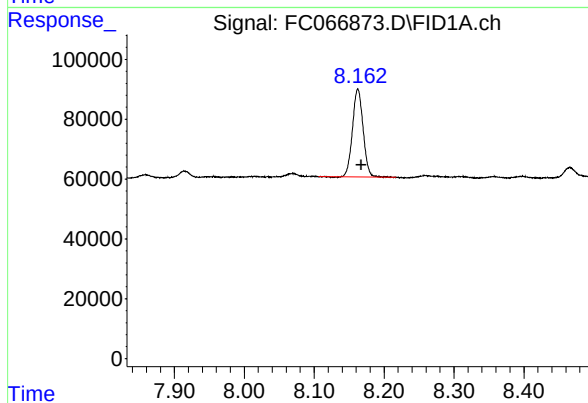
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 224842
Conc: 1.52 ug/ml



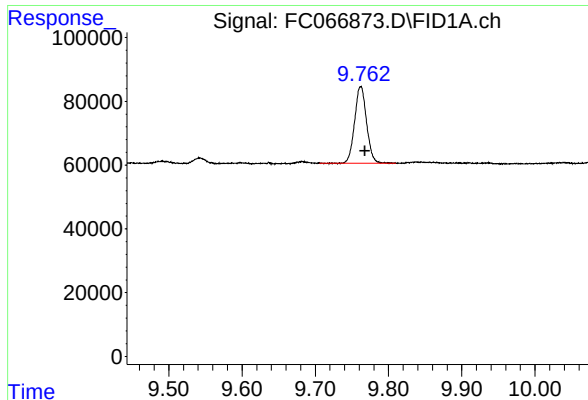
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 351510
Conc: 2.34 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 310551
Conc: 2.12 ug/ml



#7 n-Hexadecane (C16)

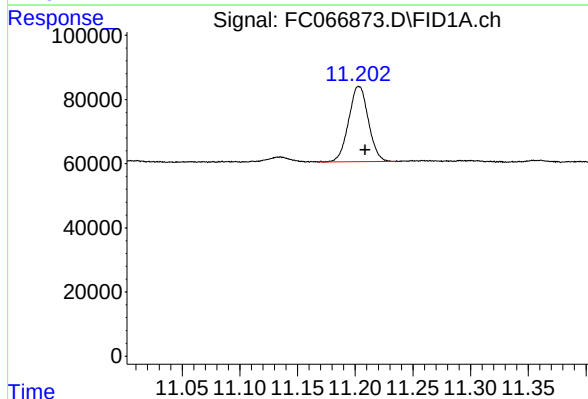
R.T.: 9.762 min
Delta R.T.: -0.005 min
Response: 272628
Conc: 1.82 ug/ml

Instrument :

FID_C

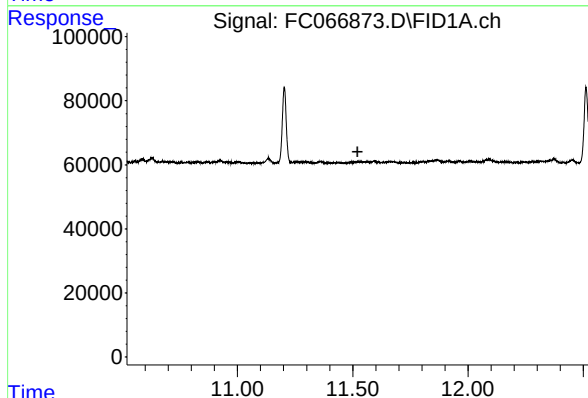
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



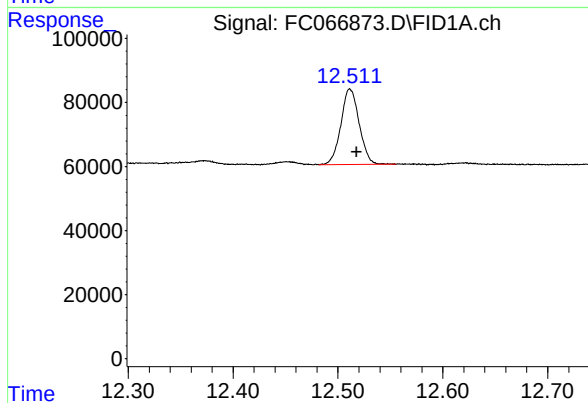
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 278334
Conc: 1.88 ug/ml



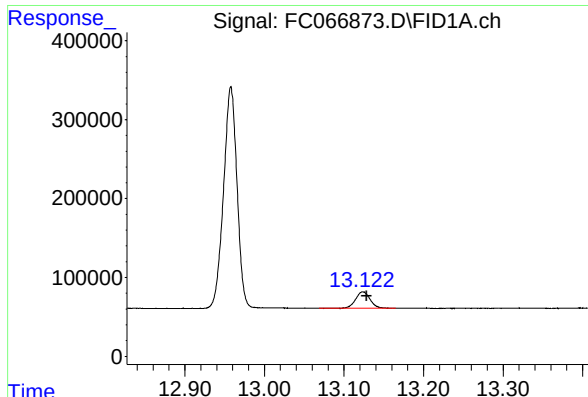
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

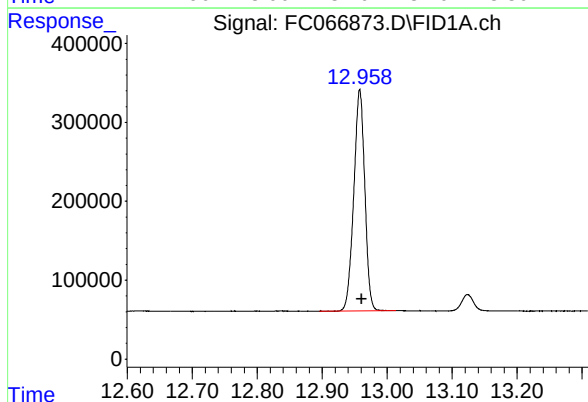
R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 285861
Conc: 2.05 ug/ml



#11 n-Heneicosane (C21)

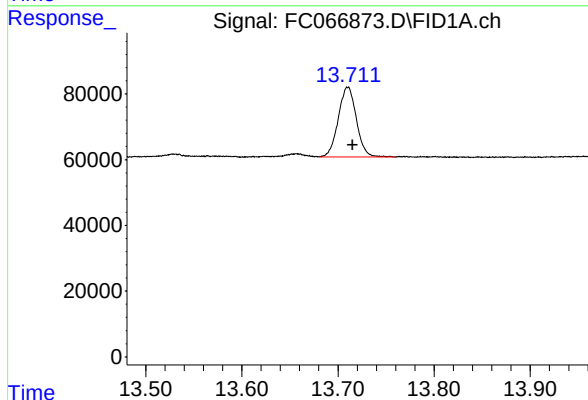
R.T.: 13.124 min
Delta R.T.: -0.005 min
Response: 260168
Conc: 1.91 ug/ml

Instrument :
FID_C
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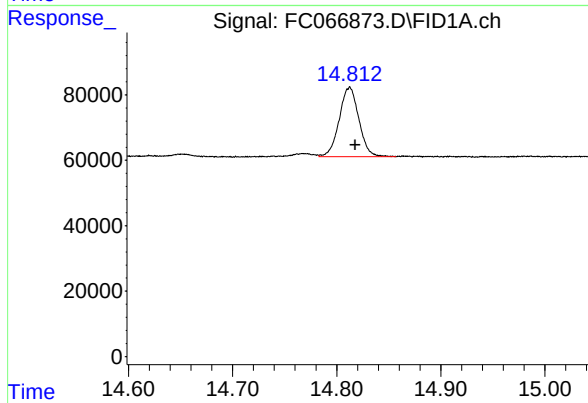
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 3299955
Conc: 29.51 ug/ml



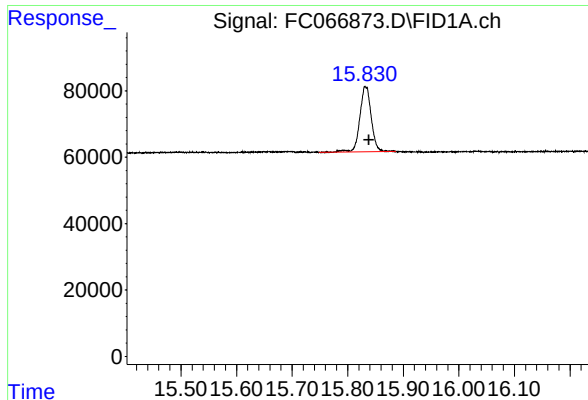
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.005 min
Response: 278359
Conc: 2.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 277872
Conc: 2.09 ug/ml



#15 n-Hexacosane (C26)

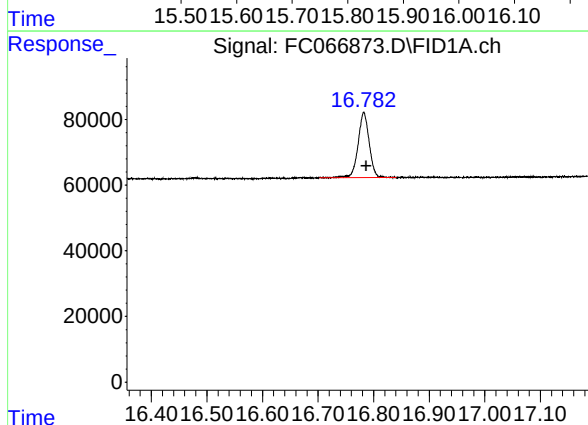
R.T.: 15.832 min
Delta R.T.: -0.006 min
Response: 278602
Conc: 2.14 ug/ml

Instrument :

FID_C

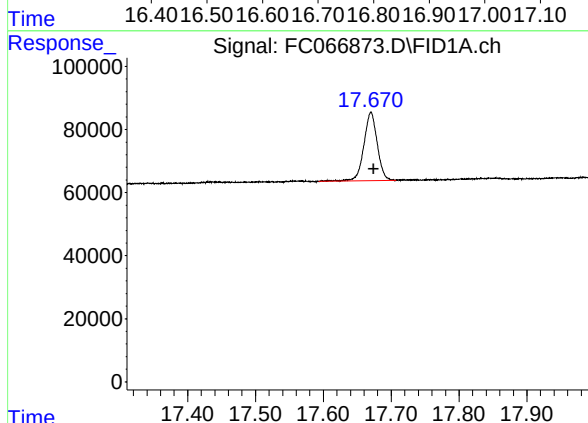
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



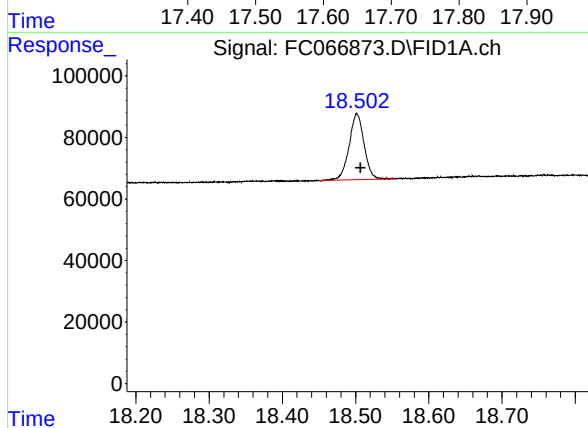
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.005 min
Response: 275944
Conc: 2.19 ug/ml



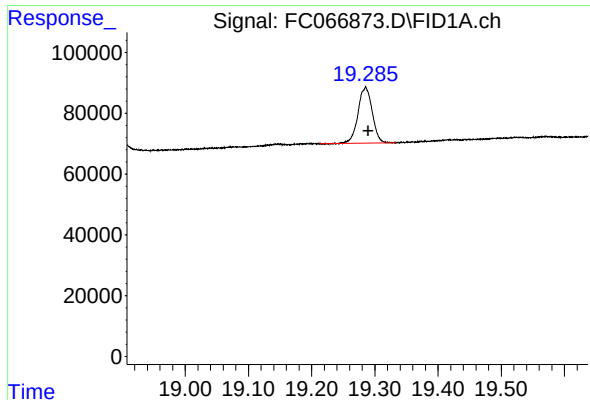
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.004 min
Response: 294682
Conc: 2.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.005 min
Response: 303439
Conc: 2.41 ug/ml



#19 n-Tetratriacontane (C34)

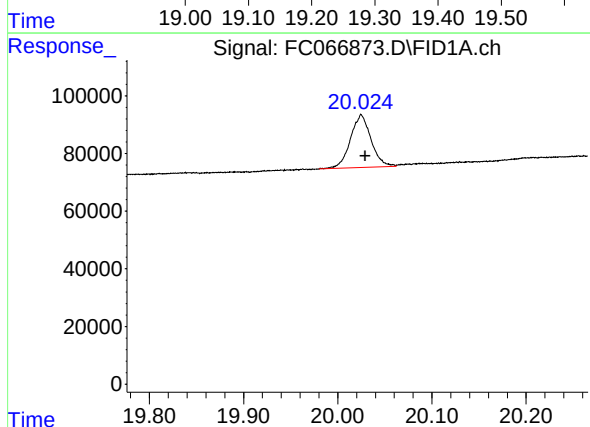
R.T.: 19.285 min
Delta R.T.: -0.005 min
Response: 287790
Conc: 2.33 ug/ml

Instrument :

FID_C

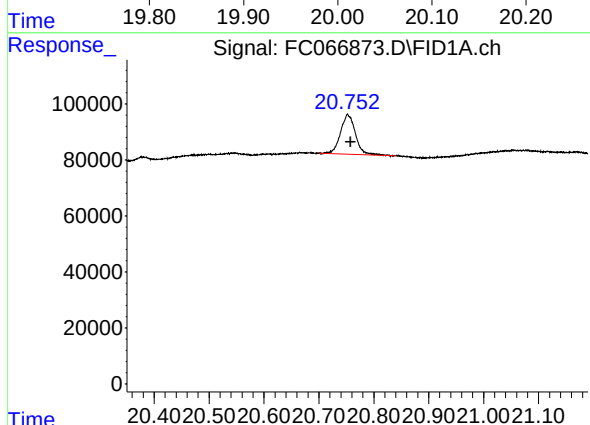
ClientSampleId :

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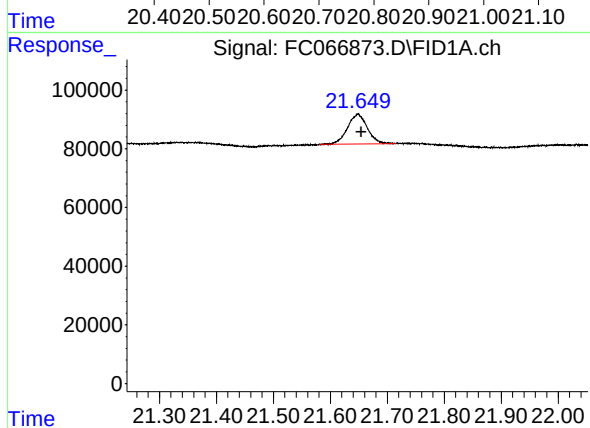
#20 n-Hexatriacontane (C36)

R.T.: 20.025 min
Delta R.T.: -0.004 min
Response: 278737
Conc: 2.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.005 min
Response: 266102
Conc: 2.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.649 min
Delta R.T.: -0.006 min
Response: 247962
Conc: 2.28 ug/ml