

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041423AL\
 Data File : FC063384.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2023 19:56
 Operator : YP/AJ
 Sample : 02301-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMS

Integration File: autoint1.e
 Quant Time: Apr 15 02:43:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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...	12.973	6879371	62.174 ug/ml
Spiked Amount 50.000		Recovery =	124.35%
Target Compounds			
1) T n-Nonane (C9)	3.300	3725835	26.538 ug/ml
2) T n-Decane (C10)	4.366	4738186	34.770 ug/ml
4) T n-Dodecane (C12)	6.384	5658273	42.061 ug/ml
6) T n-Tetradecane (C14)	8.180	6093489	45.012 ug/ml
7) T n-Hexadecane (C16)	9.780	6932624	51.052 ug/ml
8) T n-Octadecane (C18)	11.221	7280658	52.563 ug/ml
10) T n-Eicosane (C20)	12.530	7341426	54.644 ug/ml
11) T n-Heneicosane (C21)	13.140	7105357	52.793 ug/ml
13) T n-Docosane (C22)	13.726	7083752	53.120 ug/ml
14) T n-Tetracosane (C24)	14.827	7056422	52.482 ug/ml
15) T n-Hexacosane (C26)	15.846	7071127	52.827 ug/ml
16) T n-Octacosane (C28)	16.794	7053188	52.091 ug/ml
17) T n-Tricontane (C30)	17.678	7191841	51.989 ug/ml
18) T n-Dotriacontane (C32)	18.508	7151007	50.652 ug/ml
19) T n-Tetratriacontane (C34)	19.291	7143814	51.766 ug/ml
20) T n-Hexatriacontane (C36)	20.030	6895323	53.947 ug/ml
21) T n-Octatriacontane (C38)	20.758	6853954	55.663 ug/ml
22) T n-Tetracontane (C40)	21.656	6743766	57.306 ug/ml

(f)=RT Delta > 1/2 Window

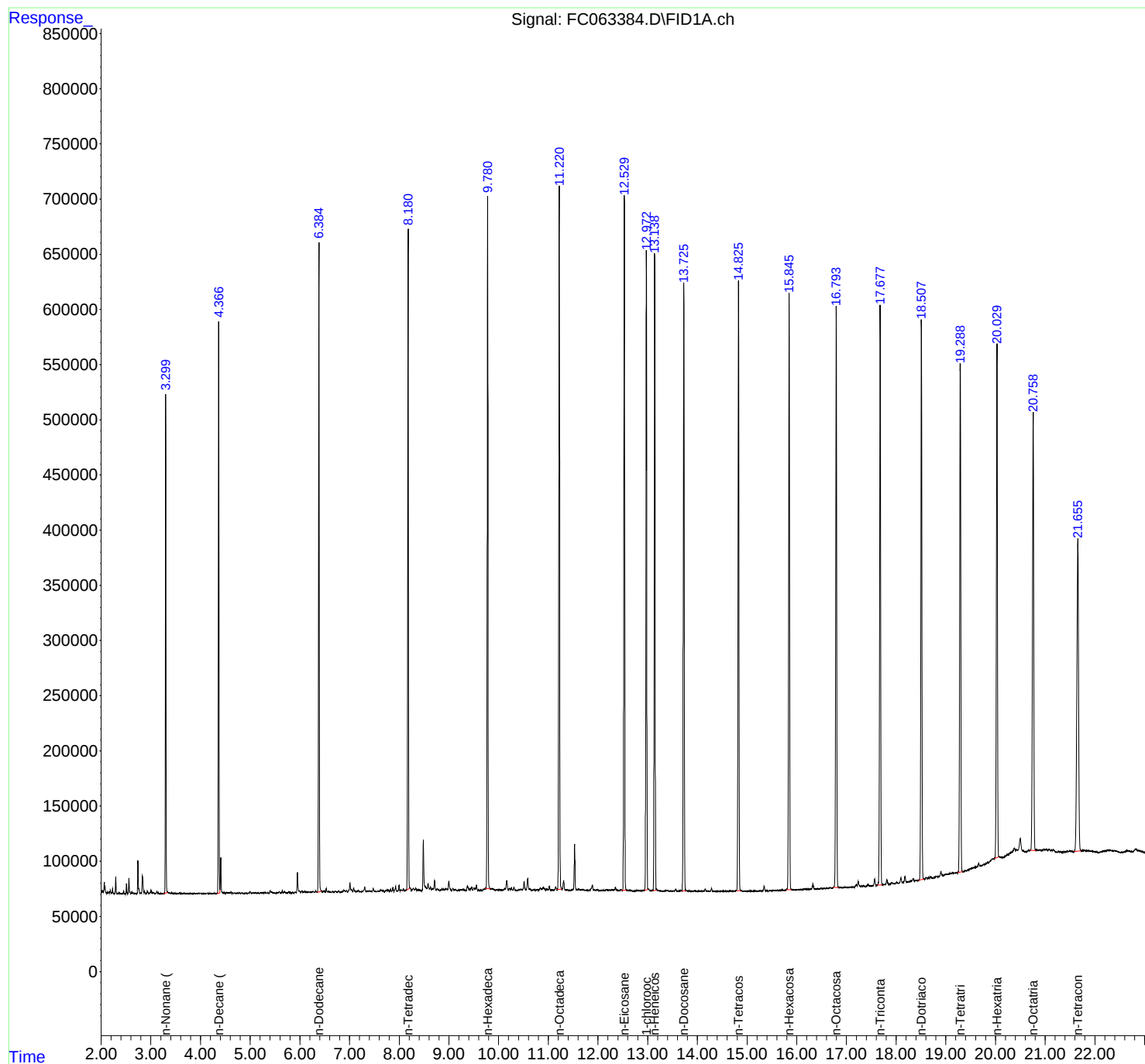
(m)=manual int.

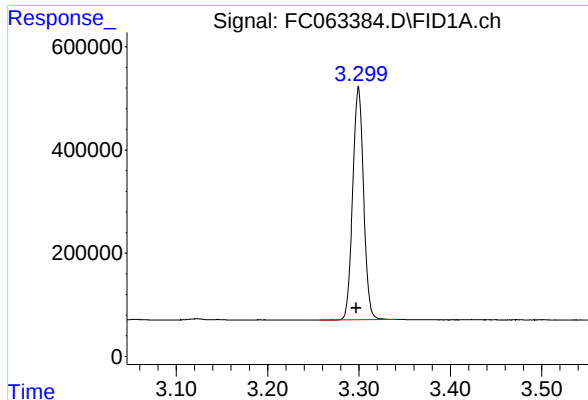
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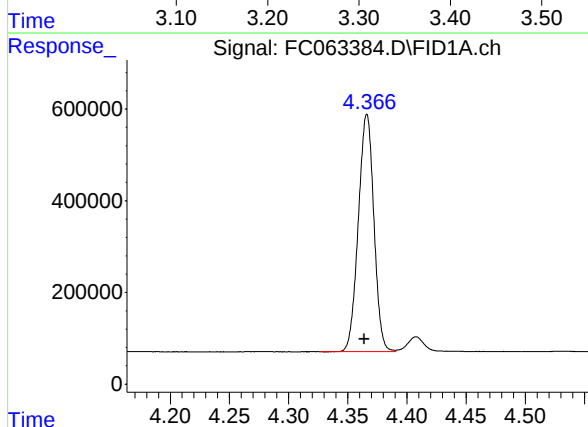




#1 n-Nonane (C9)

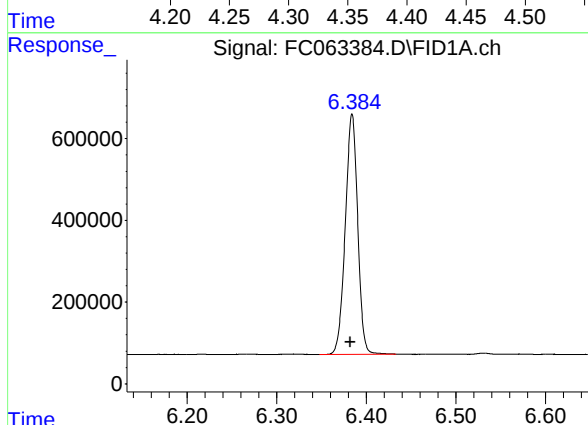
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 3725835
Conc: 26.54 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTEMS



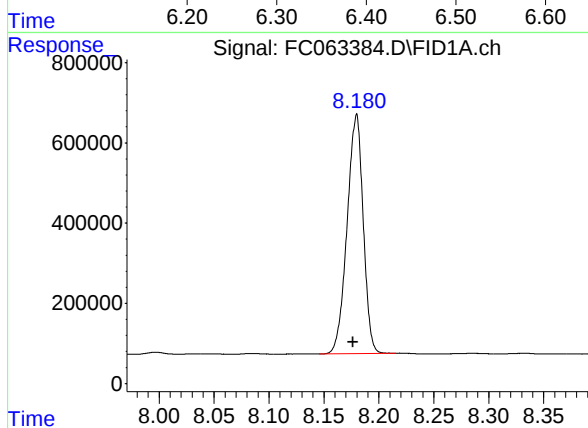
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 4738186
Conc: 34.77 ug/ml



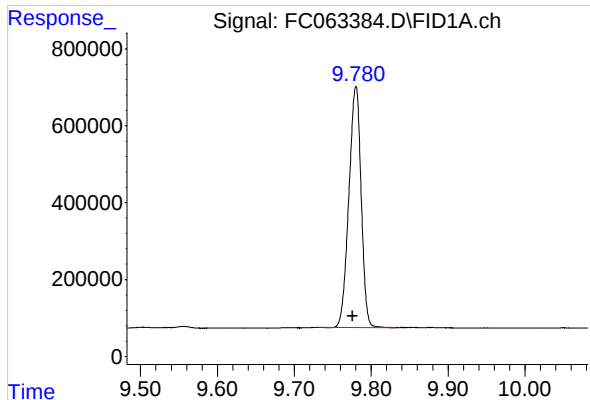
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 5658273
Conc: 42.06 ug/ml



#6 n-Tetradecane (C14)

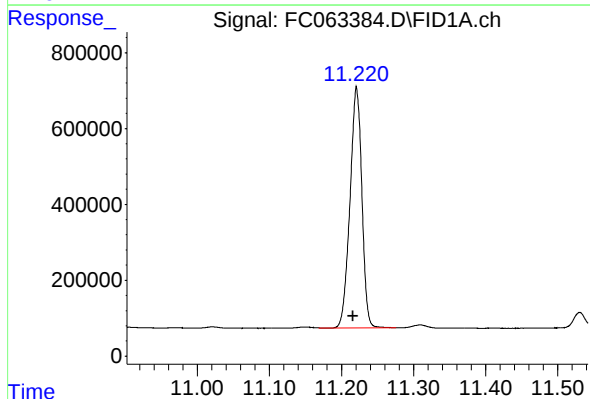
R.T.: 8.180 min
Delta R.T.: 0.003 min
Response: 6093489
Conc: 45.01 ug/ml



#7 n-Hexadecane (C16)

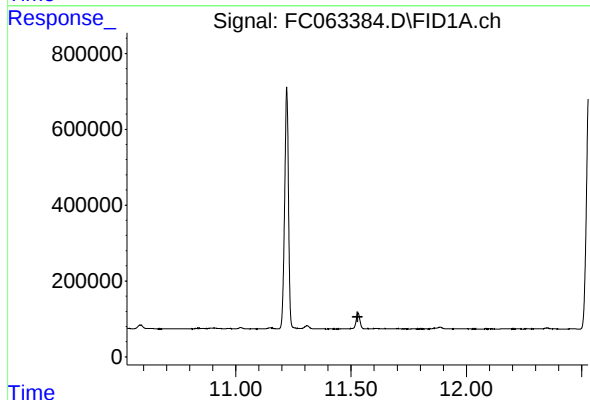
R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 6932624
Conc: 51.05 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTEMS



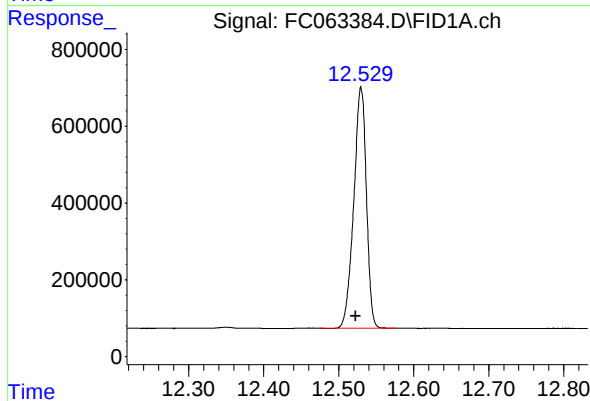
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: 0.005 min
Response: 7280658
Conc: 52.56 ug/ml



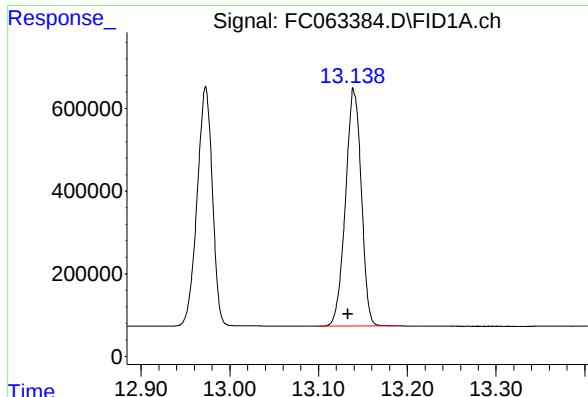
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

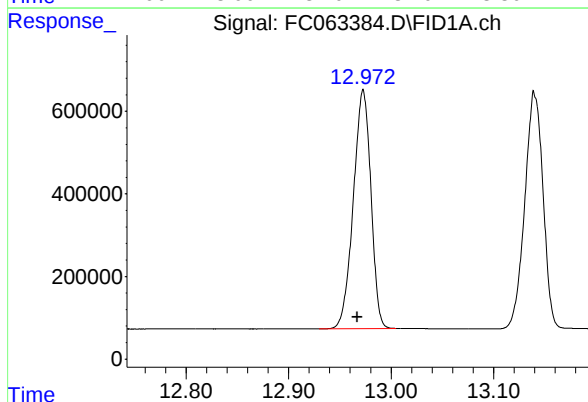
R.T.: 12.530 min
Delta R.T.: 0.007 min
Response: 7341426
Conc: 54.64 ug/ml



#11 n-Heneicosane (C21)

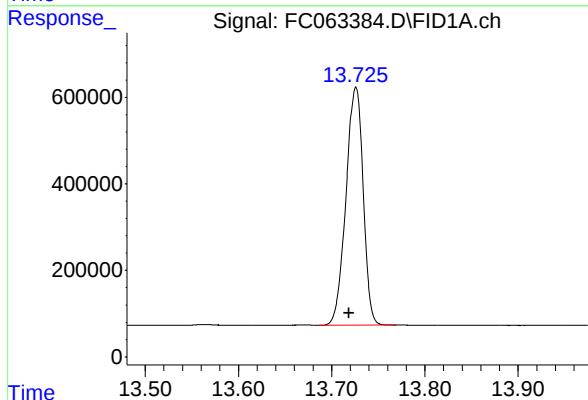
R.T.: 13.140 min
Delta R.T.: 0.007 min
Response: 7105357
Conc: 52.79 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTEMS



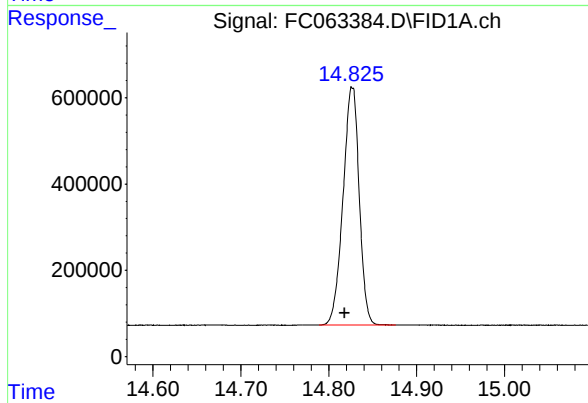
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: 0.006 min
Response: 6879371
Conc: 62.17 ug/ml



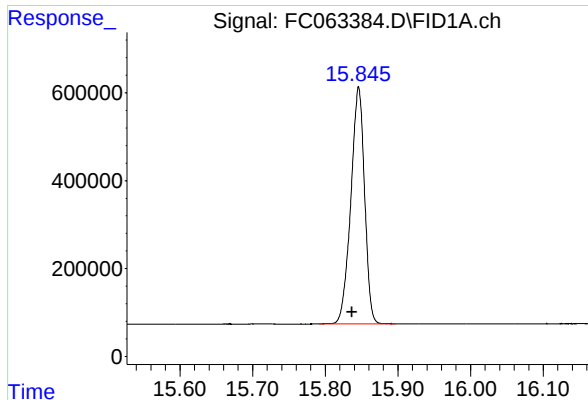
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: 0.008 min
Response: 7083752
Conc: 53.12 ug/ml



#14 n-Tetracosane (C24)

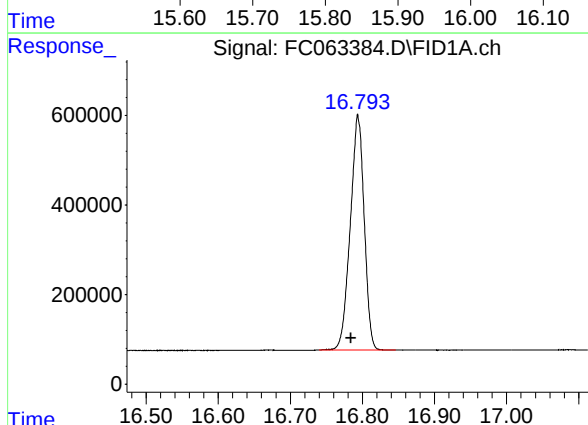
R.T.: 14.827 min
Delta R.T.: 0.008 min
Response: 7056422
Conc: 52.48 ug/ml



#15 n-Hexacosane (C26)

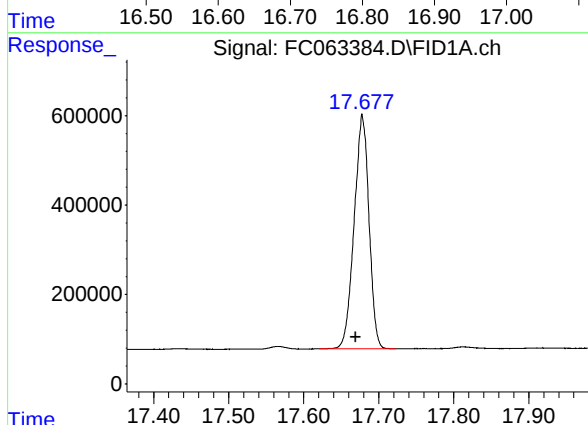
R.T.: 15.846 min
Delta R.T.: 0.009 min
Response: 7071127
Conc: 52.83 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTEMS



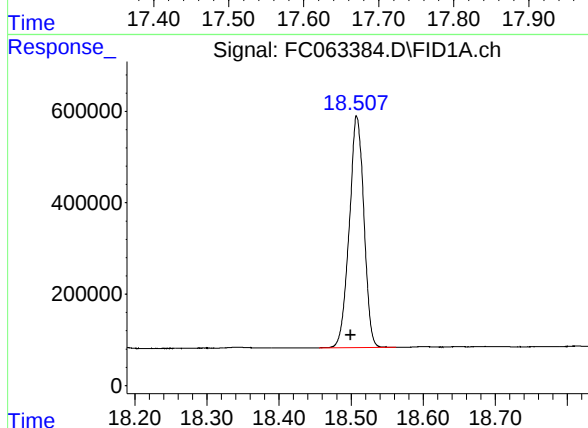
#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: 0.010 min
Response: 7053188
Conc: 52.09 ug/ml



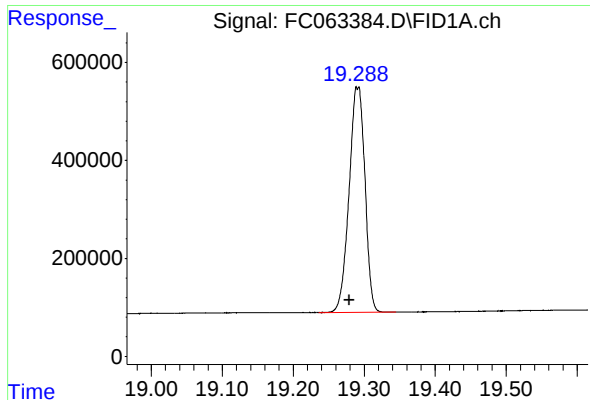
#17 n-Tricontane (C30)

R.T.: 17.678 min
Delta R.T.: 0.009 min
Response: 7191841
Conc: 51.99 ug/ml



#18 n-Dotriacontane (C32)

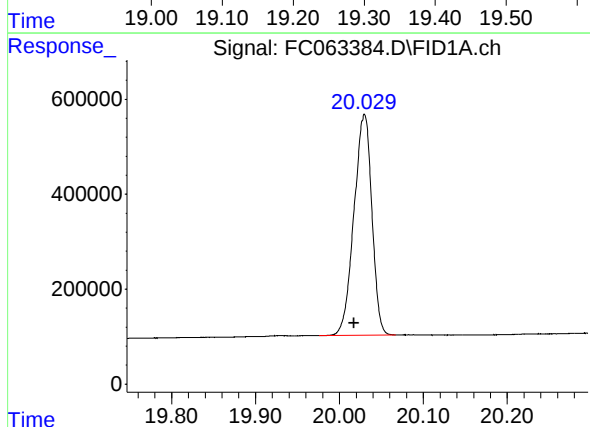
R.T.: 18.508 min
Delta R.T.: 0.009 min
Response: 7151007
Conc: 50.65 ug/ml



#19 n-Tetratriacontane (C34)

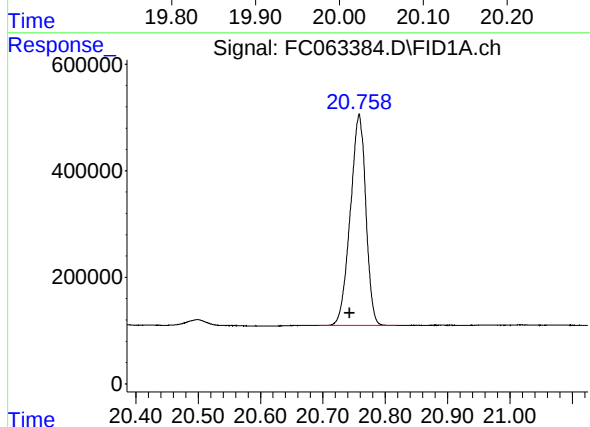
R.T.: 19.291 min
Delta R.T.: 0.012 min
Response: 7143814
Conc: 51.77 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTEMS



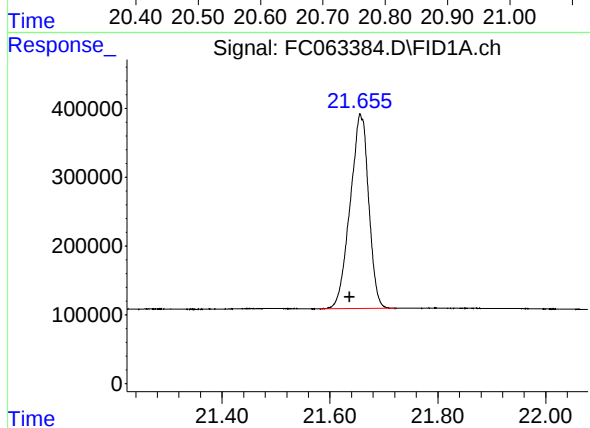
#20 n-Hexatriacontane (C36)

R.T.: 20.030 min
Delta R.T.: 0.013 min
Response: 6895323
Conc: 53.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.015 min
Response: 6853954
Conc: 55.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.656 min
Delta R.T.: 0.019 min
Response: 6743766
Conc: 57.31 ug/ml