

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100223AL\
 Data File : FC064695.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2023 18:04
 Operator : YP/AJ
 Sample : PB156025BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 00:27:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.955	6083365	41.765 ug/ml
Spiked Amount 50.000		Recovery =	83.53%
Target Compounds			
1) T n-Nonane (C9)	3.326	4701852	26.607 ug/ml
2) T n-Decane (C10)	4.385	5791705	32.239 ug/ml
4) T n-Dodecane (C12)	6.392	6727905	37.040 ug/ml
6) T n-Tetradecane (C14)	8.179	7118811	40.120 ug/ml
7) T n-Hexadecane (C16)	9.774	7920634	44.063 ug/ml
8) T n-Octadecane (C18)	11.209	8552361	47.236 ug/ml
10) T n-Eicosane (C20)	12.512	8758991	51.421 ug/ml
11) T n-Heneicosane (C21)	13.121	8409217	50.772 ug/ml
13) T n-Docosane (C22)	13.705	8232756	50.536 ug/ml
14) T n-Tetracosane (C24)	14.802	7927381	49.933 ug/ml
15) T n-Hexacosane (C26)	15.818	7497229	49.115 ug/ml
16) T n-Octacosane (C28)	16.763	7206180	48.691 ug/ml
17) T n-Tricontane (C30)	17.647	6969616	46.916 ug/ml
18) T n-Dotriacontane (C32)	18.476	6680123	45.773 ug/ml
19) T n-Tetratriacontane (C34)	19.254	6487075	45.630 ug/ml
20) T n-Hexatriacontane (C36)	19.990	6169377	44.792 ug/ml
21) T n-Octatriacontane (C38)	20.711	6018550	43.915 ug/ml
22) T n-Tetracontane (C40)	21.591	5558752	40.865 ug/ml

(f)=RT Delta > 1/2 Window

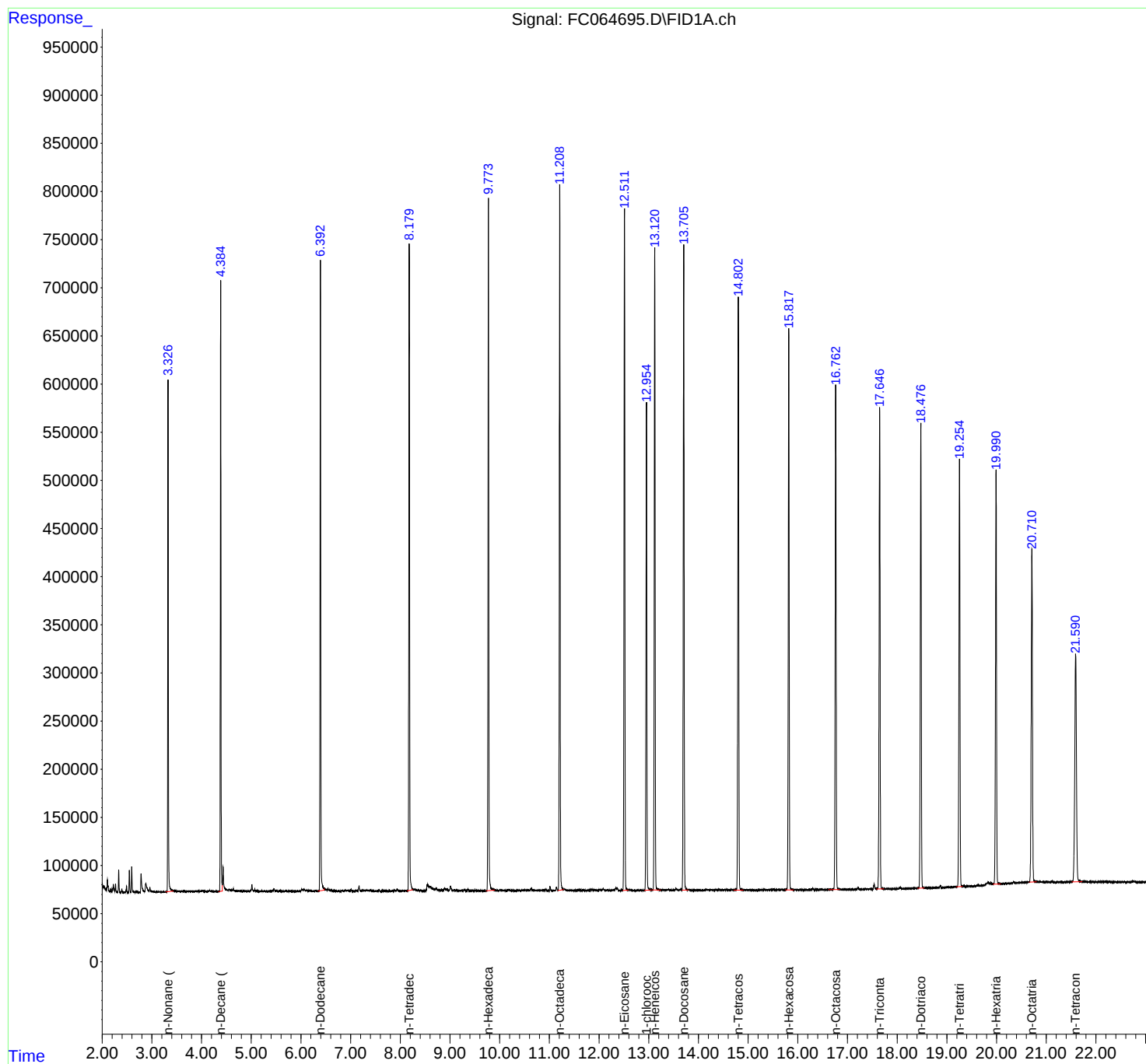
(m)=manual int.

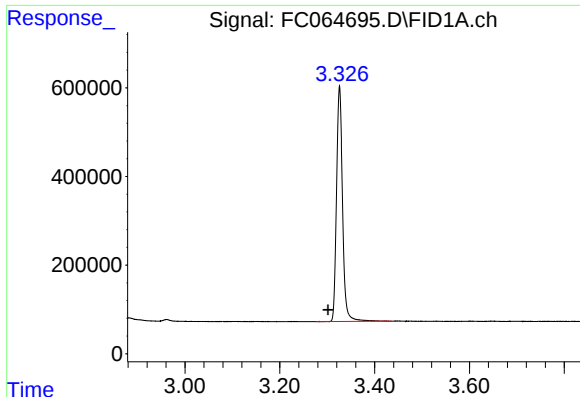
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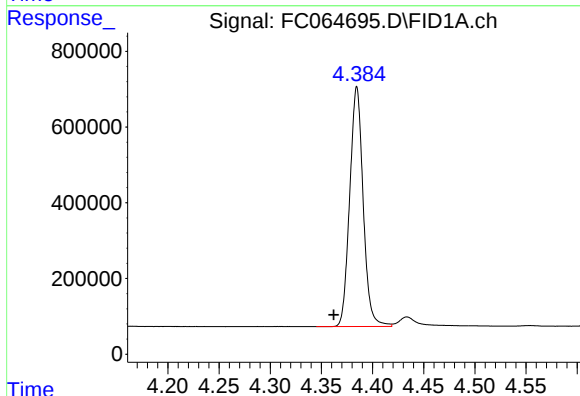




#1 n-Nonane (C9)

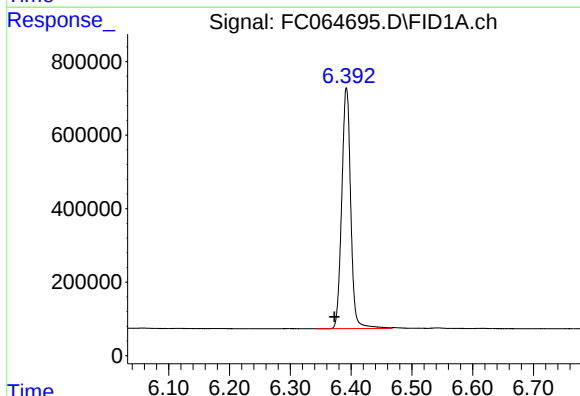
R.T.: 3.326 min
Delta R.T.: 0.024 min
Response: 4701852
Conc: 26.61 ug/ml

Instrument :
FID_C
ClientSampleId :



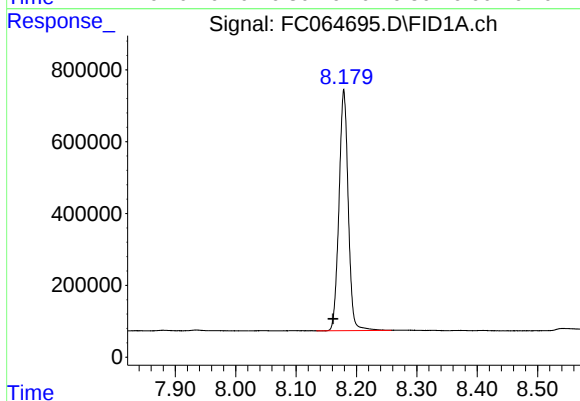
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.022 min
Response: 5791705
Conc: 32.24 ug/ml



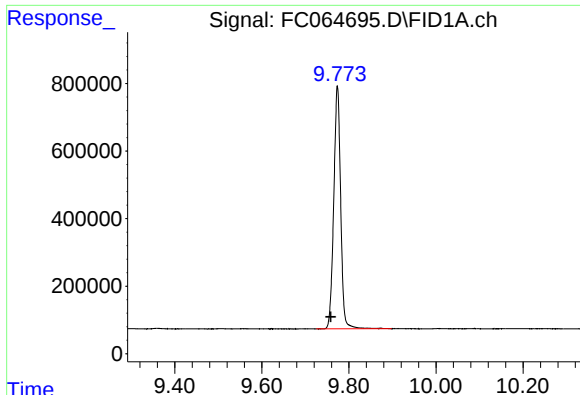
#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: 0.020 min
Response: 6727905
Conc: 37.04 ug/ml



#6 n-Tetradecane (C14)

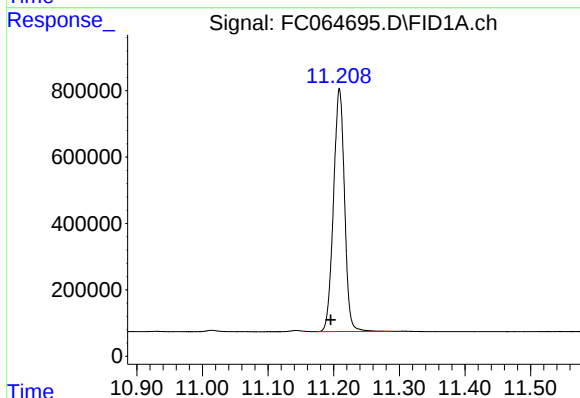
R.T.: 8.179 min
Delta R.T.: 0.018 min
Response: 7118811
Conc: 40.12 ug/ml



#7 n-Hexadecane (C16)

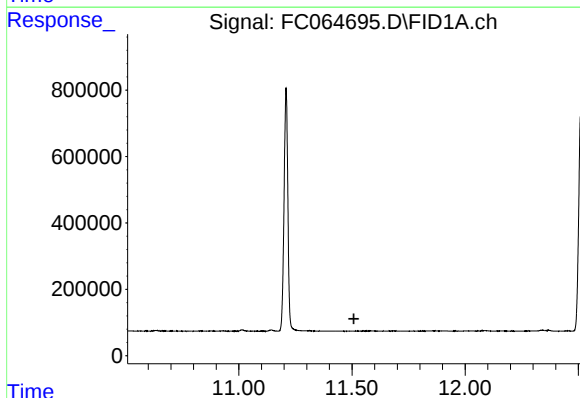
R.T.: 9.774 min
Delta R.T.: 0.015 min
Response: 7920634
Conc: 44.06 ug/ml

Instrument :
FID_C
ClientSampleId :



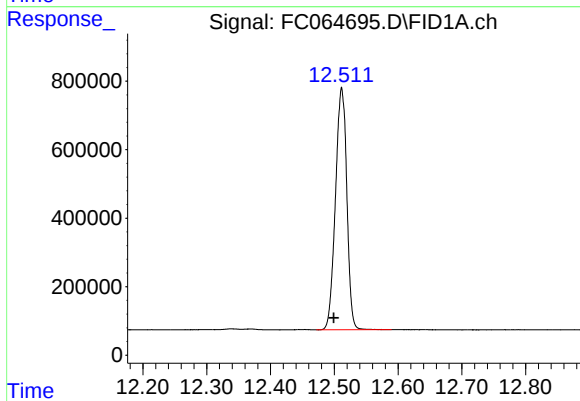
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.013 min
Response: 8552361
Conc: 47.24 ug/ml



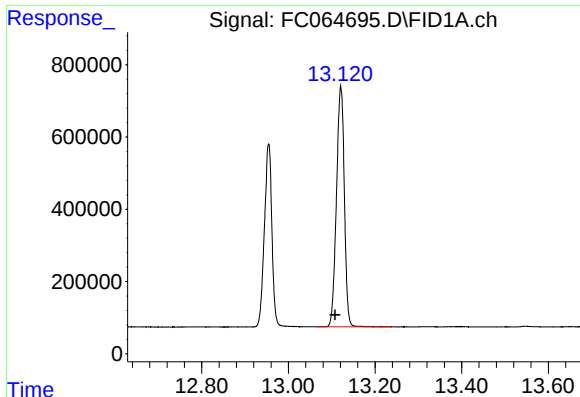
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

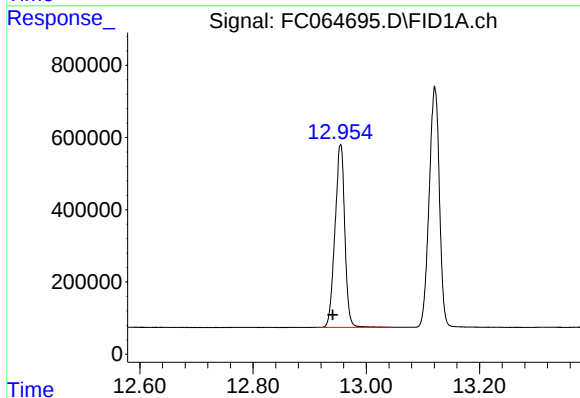
R.T.: 12.512 min
Delta R.T.: 0.012 min
Response: 8758991
Conc: 51.42 ug/ml



#11 n-Heneicosane (C21)

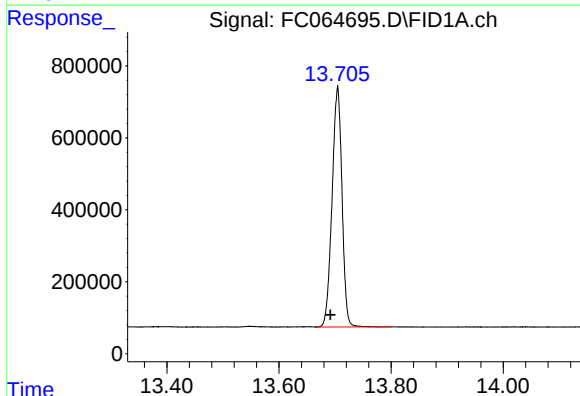
R.T.: 13.121 min
Delta R.T.: 0.013 min
Response: 8409217
Conc: 50.77 ug/ml

Instrument :
FID_C
ClientSampleId :



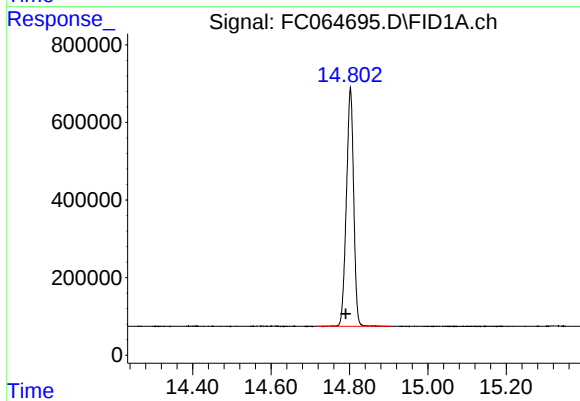
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.014 min
Response: 6083365
Conc: 41.77 ug/ml



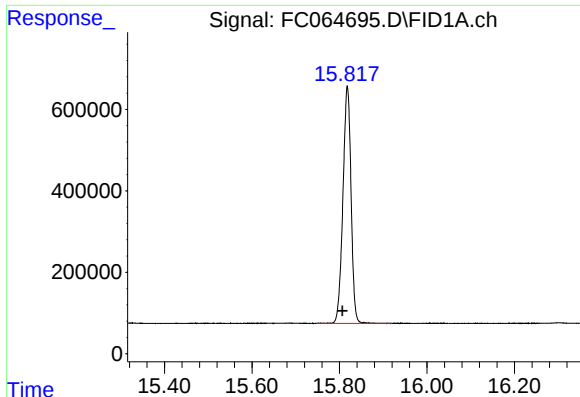
#13 n-Docosane (C22)

R.T.: 13.705 min
Delta R.T.: 0.013 min
Response: 8232756
Conc: 50.54 ug/ml



#14 n-Tetracosane (C24)

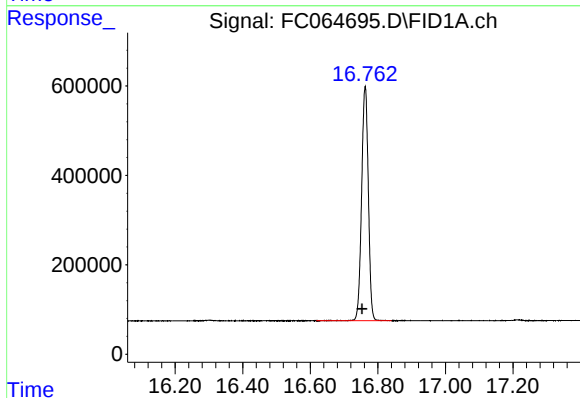
R.T.: 14.802 min
Delta R.T.: 0.012 min
Response: 7927381
Conc: 49.93 ug/ml



#15 n-Hexacosane (C26)

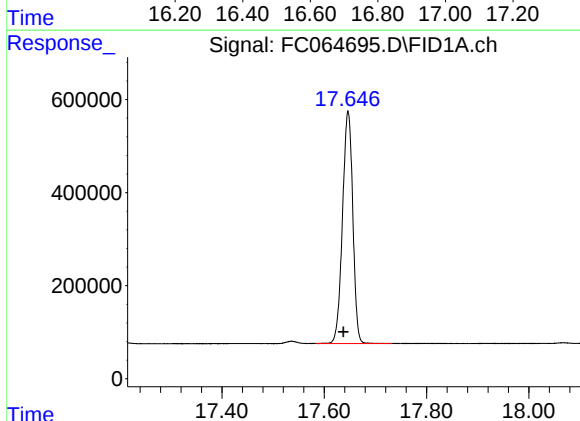
R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 7497229
Conc: 49.11 ug/ml

Instrument :
FID_C
ClientSampleId :



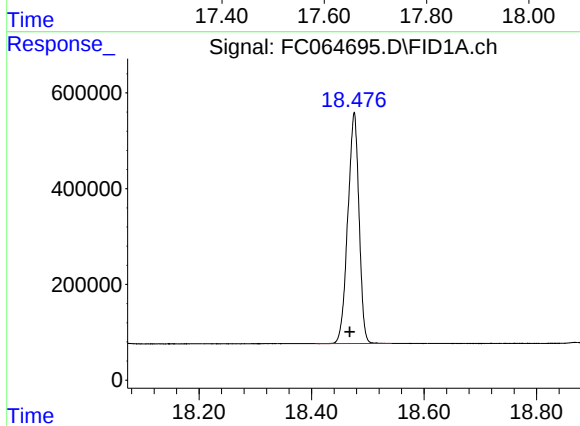
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 7206180
Conc: 48.69 ug/ml



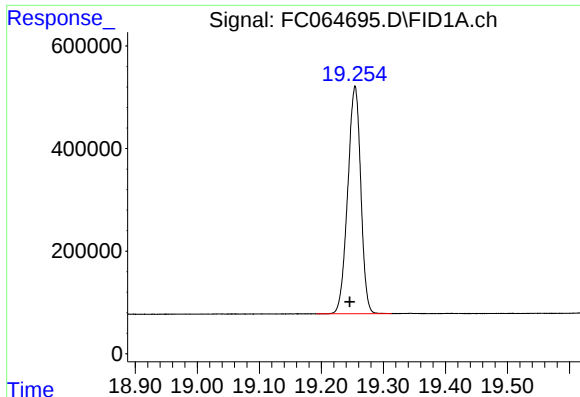
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.009 min
Response: 6969616
Conc: 46.92 ug/ml



#18 n-Dotriacontane (C32)

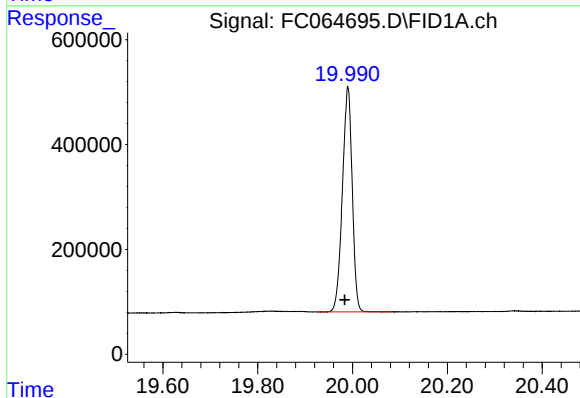
R.T.: 18.476 min
Delta R.T.: 0.008 min
Response: 6680123
Conc: 45.77 ug/ml



#19 n-Tetratriacontane (C34)

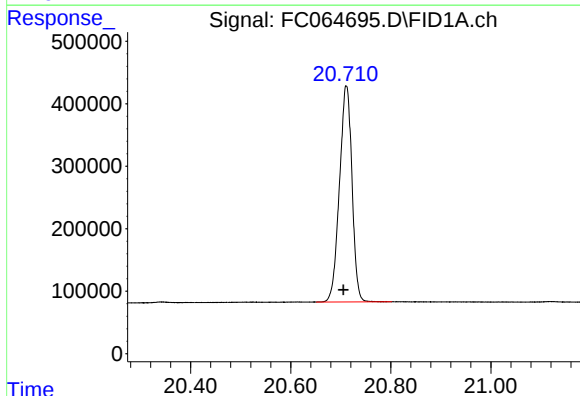
R.T.: 19.254 min
Delta R.T.: 0.009 min
Response: 6487075
Conc: 45.63 ug/ml

Instrument :
FID_C
ClientSampleId :



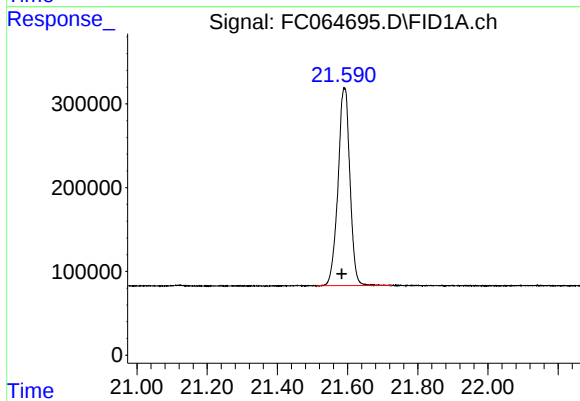
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.007 min
Response: 6169377
Conc: 44.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.006 min
Response: 6018550
Conc: 43.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.008 min
Response: 5558752
Conc: 40.86 ug/ml