

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021424AL\
 Data File : FC065750.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 17:13
 Operator : YP/AJ
 Sample : PB159031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159031BS

Integration File: autoint1.e
 Quant Time: Feb 14 22:43:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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...	12.932	6576247	52.255 ug/ml
Spiked Amount 50.000		Recovery =	104.51%
Target Compounds			
1) T n-Nonane (C9)	3.291	4023244	26.780 ug/ml
2) T n-Decane (C10)	4.354	5194167	34.163 ug/ml
4) T n-Dodecane (C12)	6.368	6233711	40.730 ug/ml
6) T n-Tetradecane (C14)	8.158	6779823	45.666 ug/ml
7) T n-Hexadecane (C16)	9.752	7340553	48.948 ug/ml
8) T n-Octadecane (C18)	11.188	7882904	51.104 ug/ml
10) T n-Eicosane (C20)	12.490	8328775	55.385 ug/ml
11) T n-Heneicosane (C21)	13.099	8281233	55.372 ug/ml
13) T n-Docosane (C22)	13.683	8305332	55.993 ug/ml
14) T n-Tetracosane (C24)	14.780	8252234	55.502 ug/ml
15) T n-Hexacosane (C26)	15.795	8224139	55.497 ug/ml
16) T n-Octacosane (C28)	16.740	8204114	55.913 ug/ml
17) T n-Tricontane (C30)	17.623	8302955	55.310 ug/ml
18) T n-Dotriacontane (C32)	18.452	8193138	55.402 ug/ml
19) T n-Tetratriacontane (C34)	19.231	7906223	54.548 ug/ml
20) T n-Hexatriacontane (C36)	19.966	7458552	52.546 ug/ml
21) T n-Octatriacontane (C38)	20.685	7298735	51.563 ug/ml
22) T n-Tetracontane (C40)	21.559	7211725	51.702 ug/ml

(f)=RT Delta > 1/2 Window

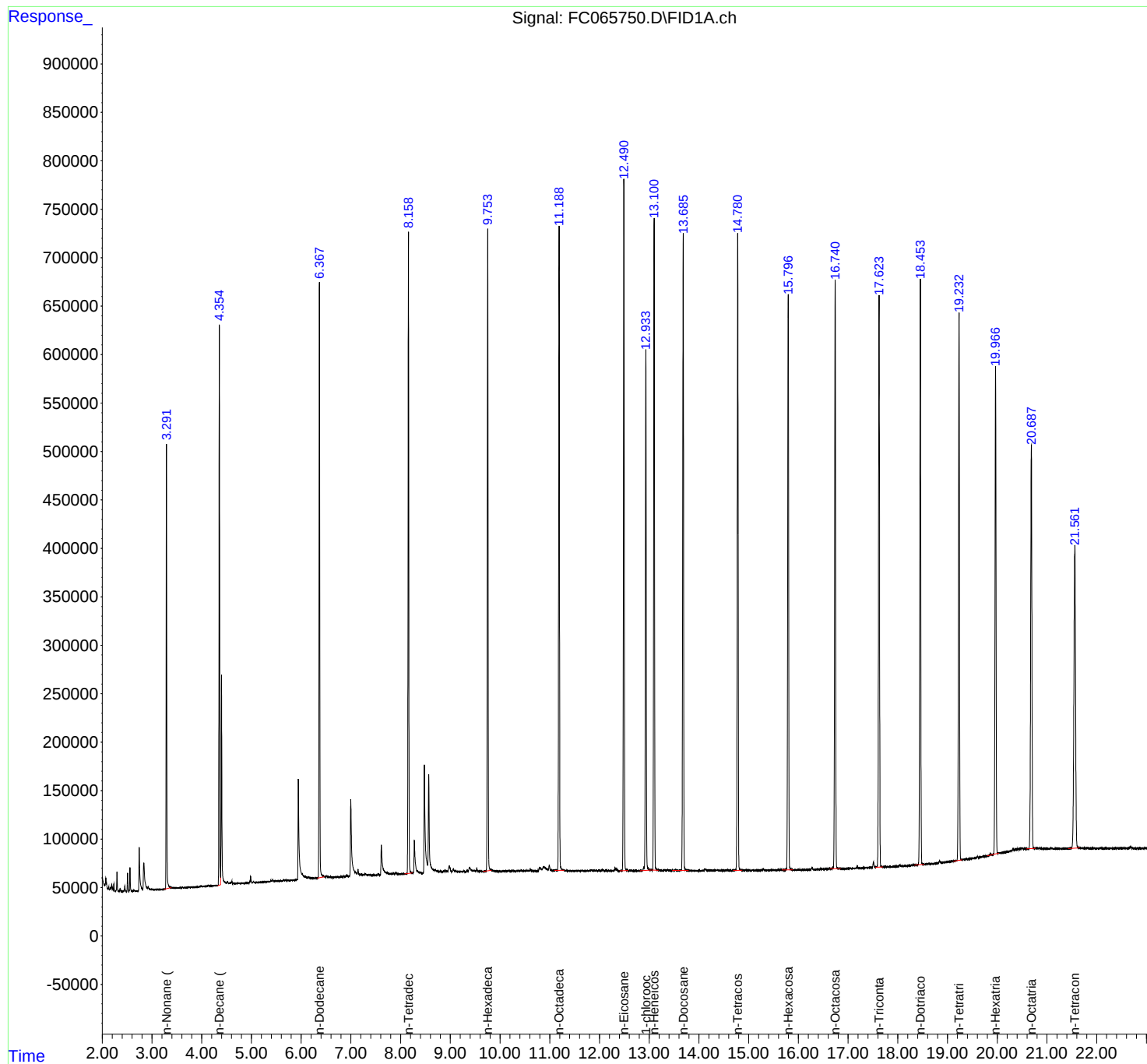
(m)=manual int.

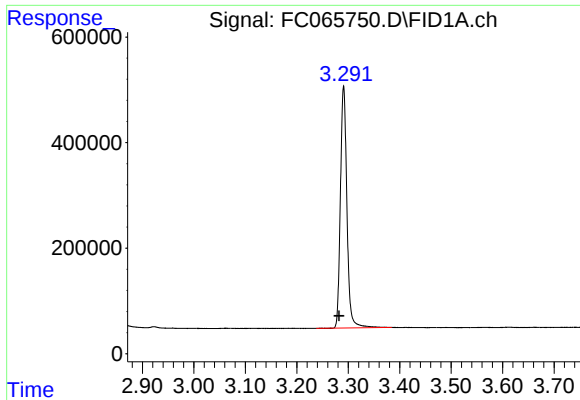
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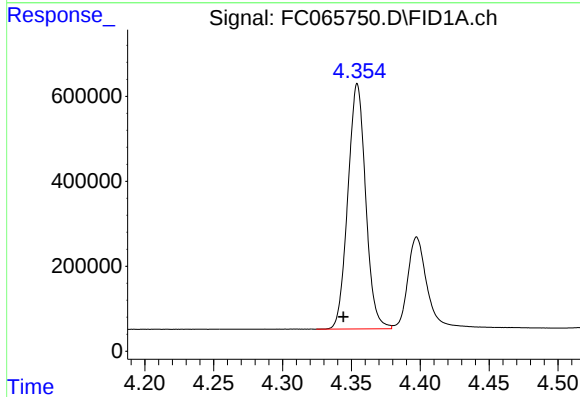




#1 n-Nonane (C9)

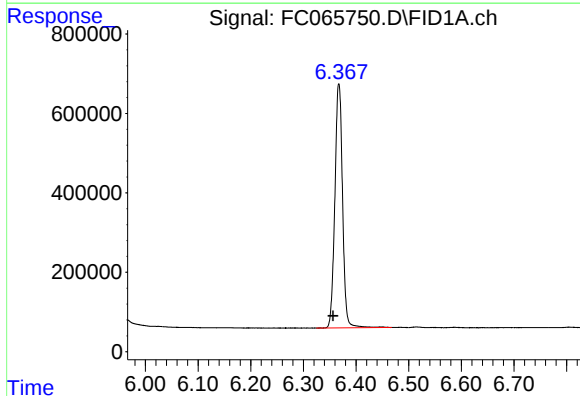
R.T.: 3.291 min
Delta R.T.: 0.009 min
Response: 4023244
Conc: 26.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159031BS



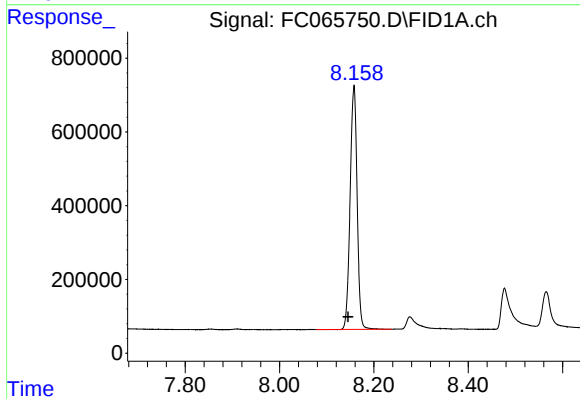
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.010 min
Response: 5194167
Conc: 34.16 ug/ml



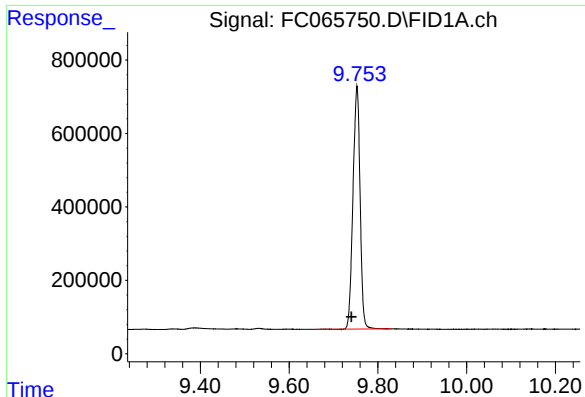
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: 0.011 min
Response: 6233711
Conc: 40.73 ug/ml



#6 n-Tetradecane (C14)

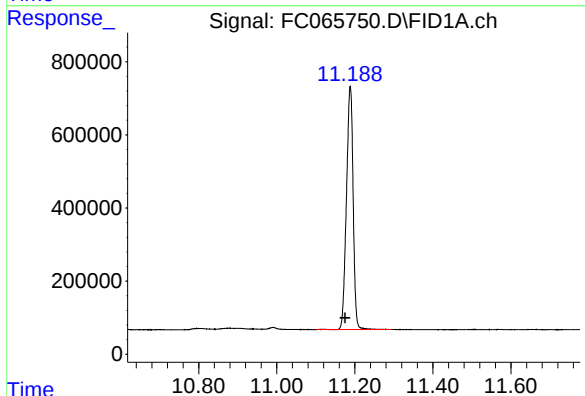
R.T.: 8.158 min
Delta R.T.: 0.012 min
Response: 6779823
Conc: 45.67 ug/ml



#7 n-Hexadecane (C16)

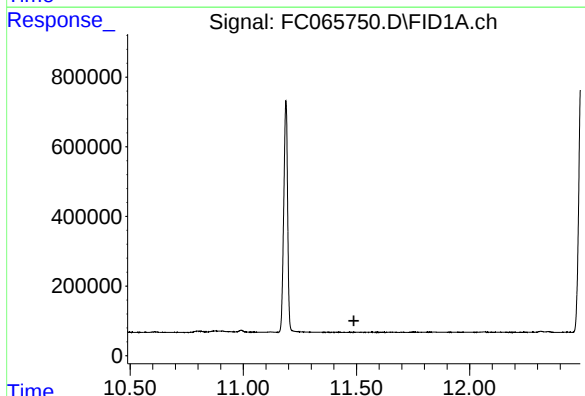
R.T.: 9.752 min
Delta R.T.: 0.012 min
Response: 7340553
Conc: 48.95 ug/ml

Instrument :
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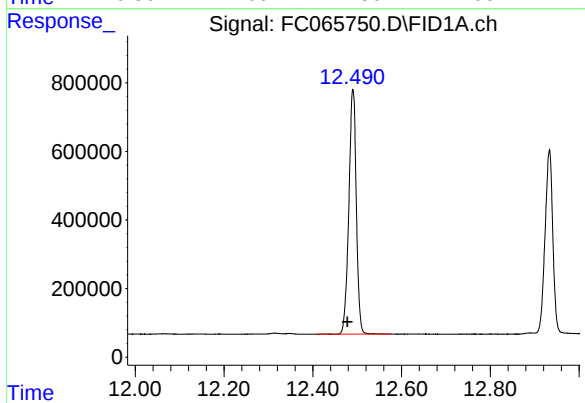
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.013 min
Response: 7882904
Conc: 51.10 ug/ml



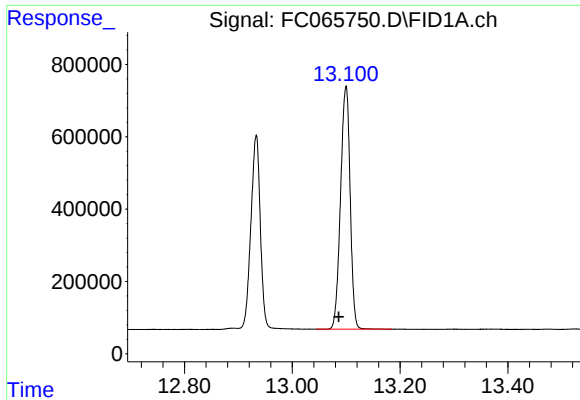
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

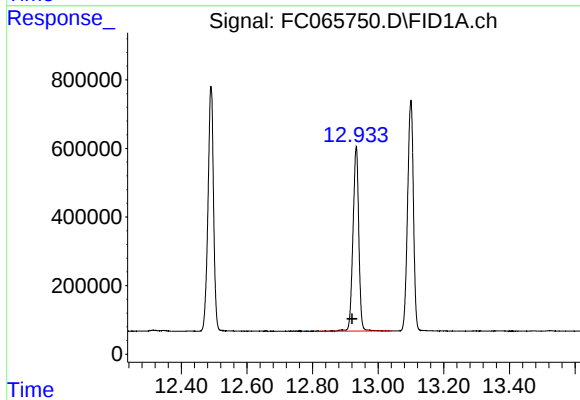
R.T.: 12.490 min
Delta R.T.: 0.012 min
Response: 8328775
Conc: 55.39 ug/ml



#11 n-Heneicosane (C21)

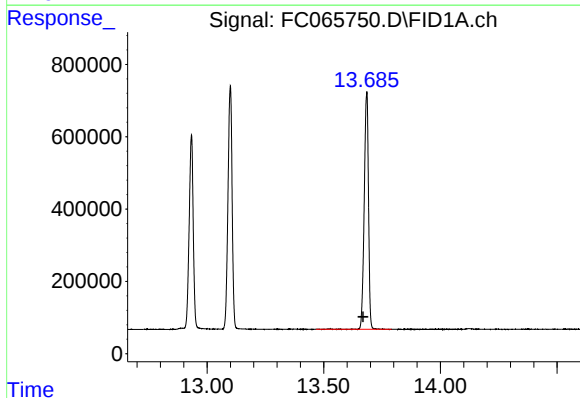
R.T.: 13.099 min
Delta R.T.: 0.013 min
Response: 8281233
Conc: 55.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159031BS



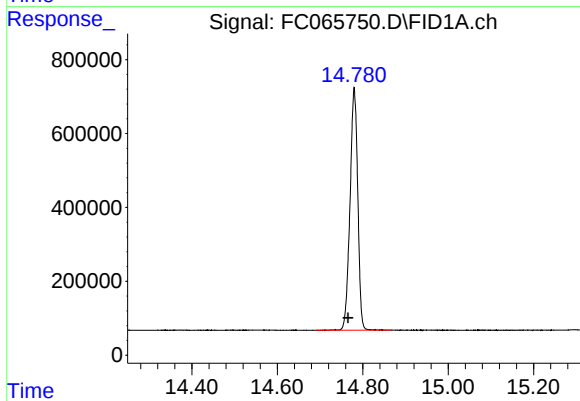
#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.012 min
Response: 6576247
Conc: 52.25 ug/ml



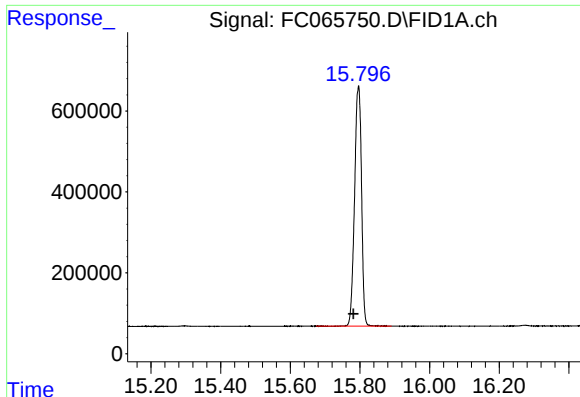
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: 0.014 min
Response: 8305332
Conc: 55.99 ug/ml



#14 n-Tetracosane (C24)

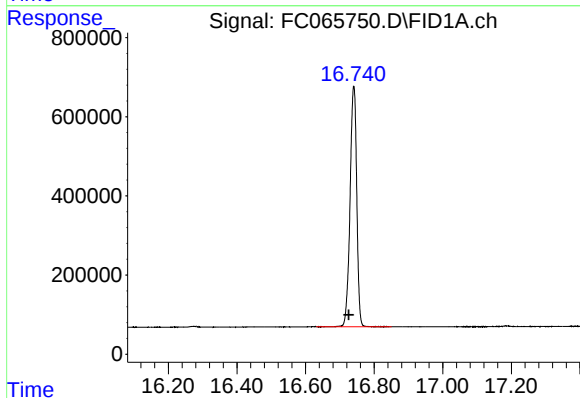
R.T.: 14.780 min
Delta R.T.: 0.014 min
Response: 8252234
Conc: 55.50 ug/ml



#15 n-Hexacosane (C26)

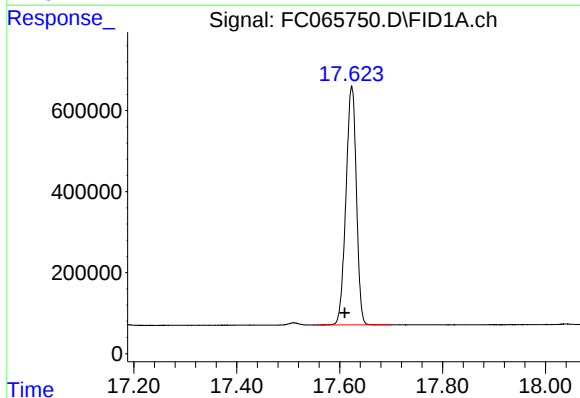
R.T.: 15.795 min
Delta R.T.: 0.014 min
Response: 8224139
Conc: 55.50 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159031BS



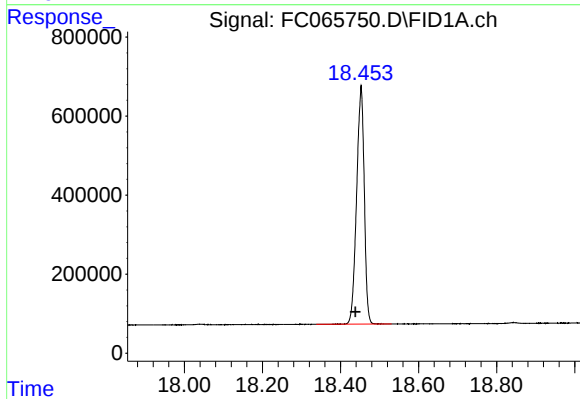
#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: 0.014 min
Response: 8204114
Conc: 55.91 ug/ml



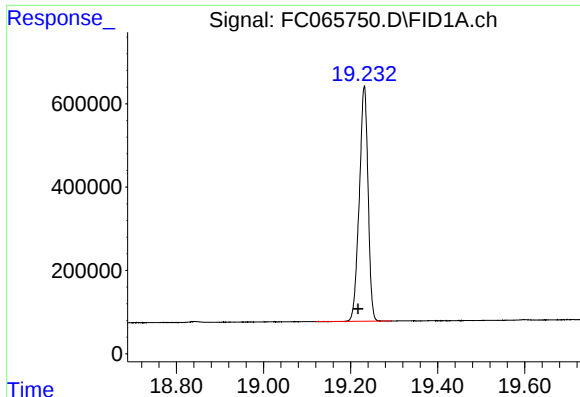
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.013 min
Response: 8302955
Conc: 55.31 ug/ml



#18 n-Dotriacontane (C32)

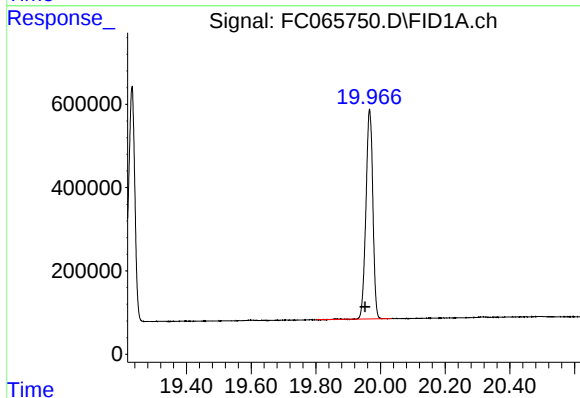
R.T.: 18.452 min
Delta R.T.: 0.014 min
Response: 8193138
Conc: 55.40 ug/ml



#19 n-Tetratriacontane (C34)

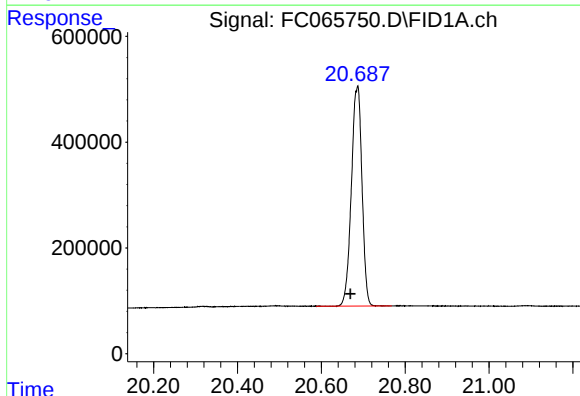
R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 7906223
Conc: 54.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB159031BS



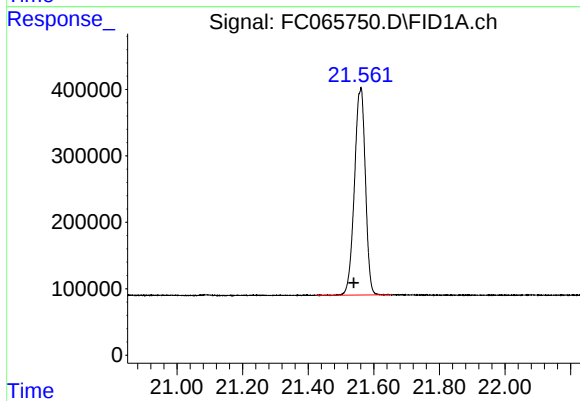
#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: 0.013 min
Response: 7458552
Conc: 52.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: 0.016 min
Response: 7298735
Conc: 51.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: 0.020 min
Response: 7211725
Conc: 51.70 ug/ml