

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
 Data File : FC064963.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2023 22:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 23:46:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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

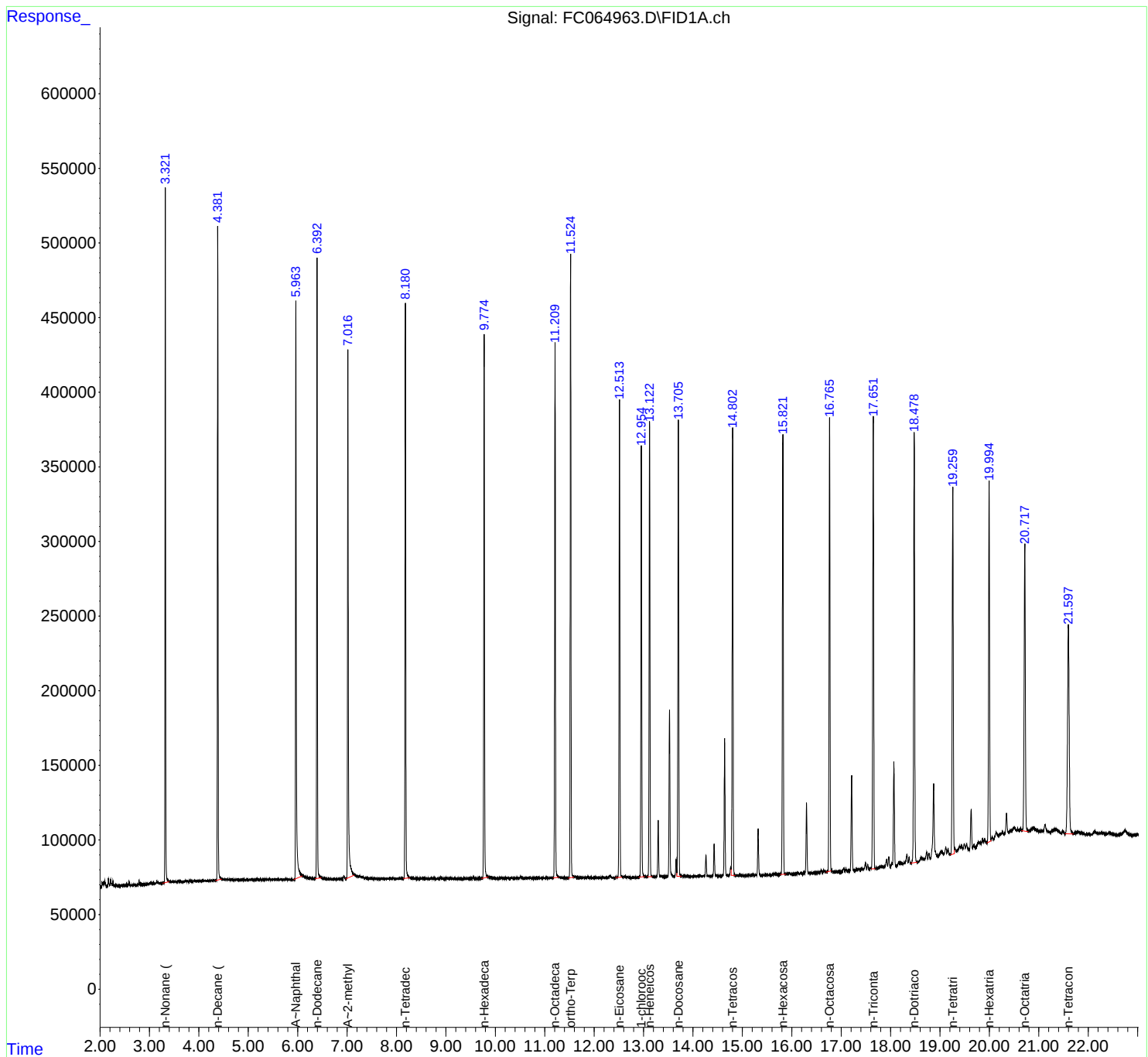
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.524	4632253	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	12.955	3373245	21.338 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T n-Nonane (C9)	3.321	3970560	21.001 ug/ml
2) T n-Decane (C10)	4.382	4071736	21.414 ug/ml
3) T A~Naphthalene (C11.7)	5.963	4181335	21.657 ug/ml
4) T n-Dodecane (C12)	6.392	4130545	21.382 ug/ml
5) T A~2-methylnaphthalene...	7.017	4005341	21.796 ug/ml
6) T n-Tetradecane (C14)	8.180	4051506	21.472 ug/ml
7) T n-Hexadecane (C16)	9.775	4063456	21.497 ug/ml
8) T n-Octadecane (C18)	11.209	4062395	21.525 ug/ml
10) T n-Eicosane (C20)	12.513	3891225	21.644 ug/ml
11) T n-Heneicosane (C21)	13.122	3732728	21.261 ug/ml
13) T n-Docosane (C22)	13.705	3804715	22.150 ug/ml
14) T n-Tetracosane (C24)	14.803	3897929	23.403 ug/ml
15) T n-Hexacosane (C26)	15.820	3928929	24.478 ug/ml
16) T n-Octacosane (C28)	16.765	4005164	25.592 ug/ml
17) T n-Tricontane (C30)	17.650	4205988	26.554 ug/ml
18) T n-Dotriacontane (C32)	18.478	4134710	26.187 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3705296	24.275 ug/ml
20) T n-Hexatriacontane (C36)	19.994	3403058	22.555 ug/ml
21) T n-Octatriacontane (C38)	20.717	3281120	22.048 ug/ml
22) T n-Tetracontane (C40)	21.598	3227490	21.944 ug/ml

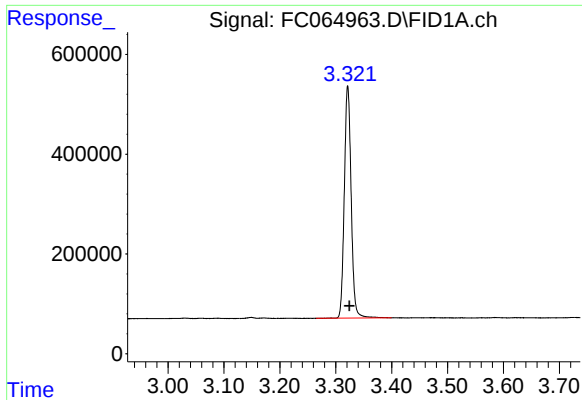
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

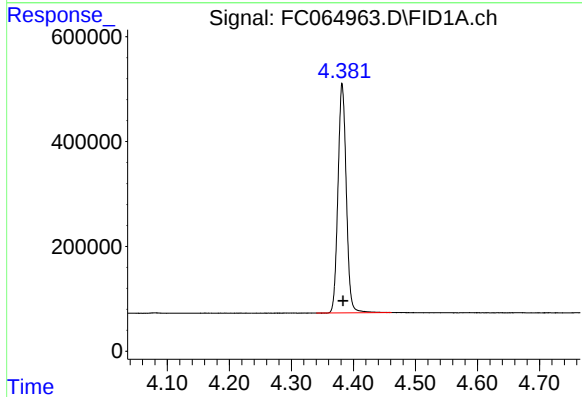




#1 n-Nonane (C9)

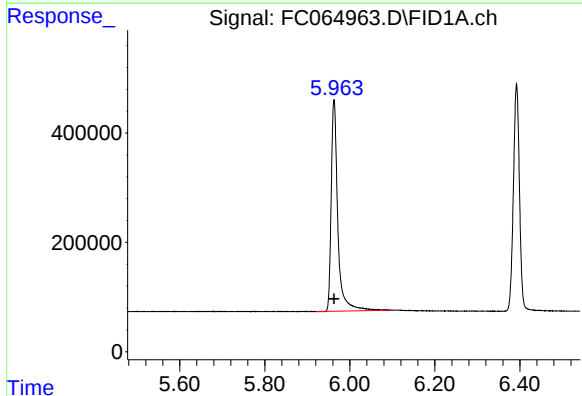
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 3970560
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :



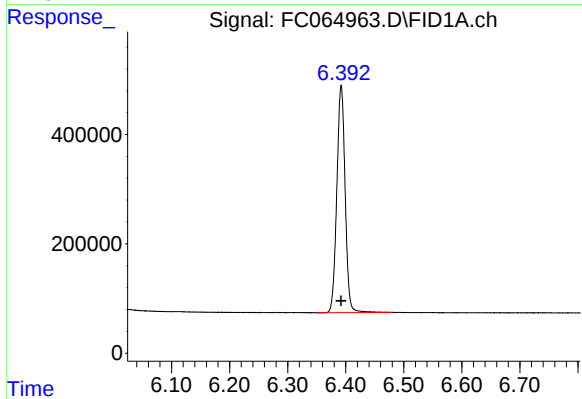
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 4071736
Conc: 21.41 ug/ml



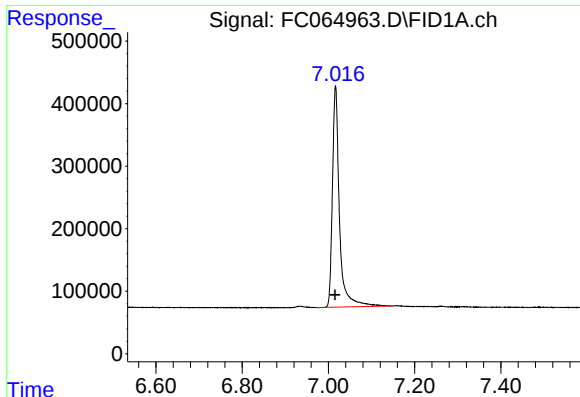
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 4181335
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

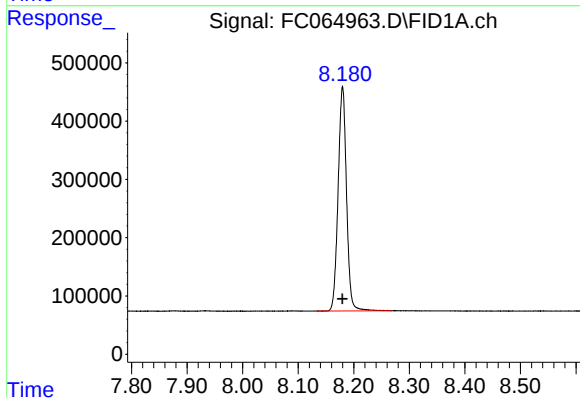
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 4130545
Conc: 21.38 ug/ml



#5 A~2-methylnaphthalene (C12.89)

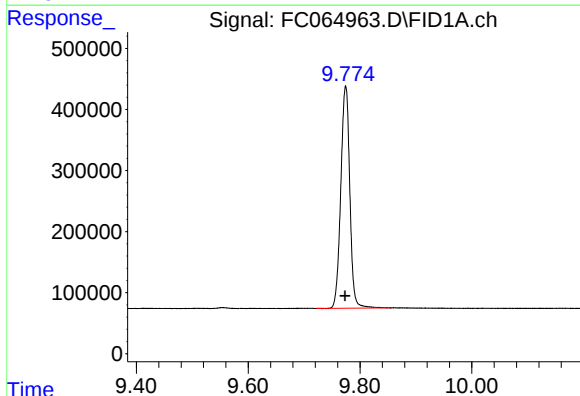
R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 4005341
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :



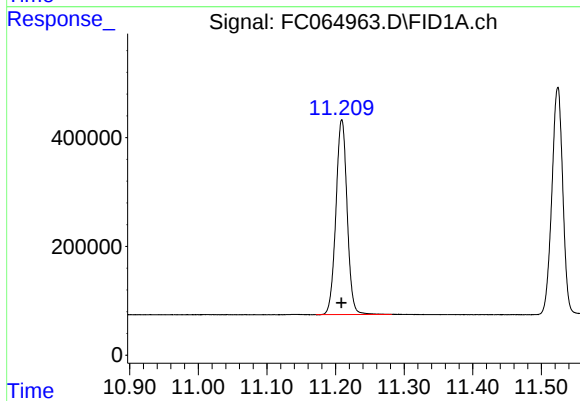
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 4051506
Conc: 21.47 ug/ml



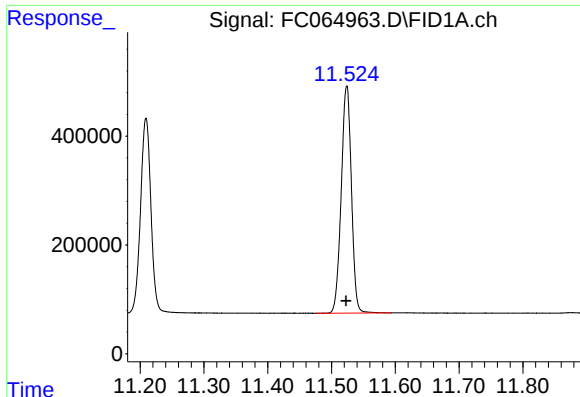
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.001 min
Response: 4063456
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

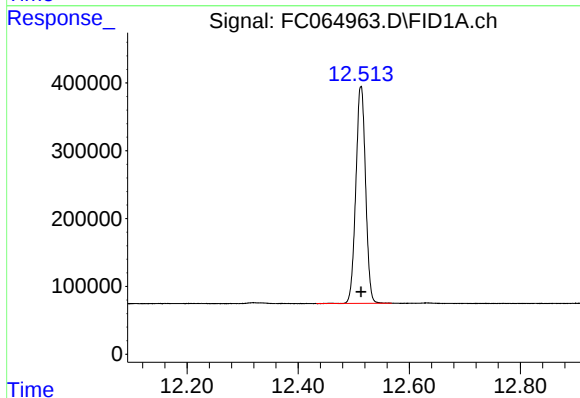
R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 4062395
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

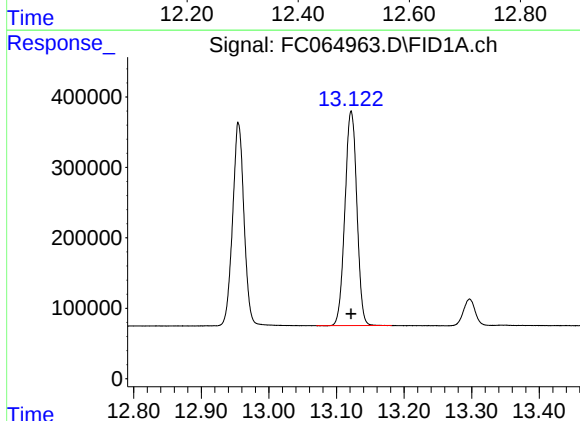
R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 4632253
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :



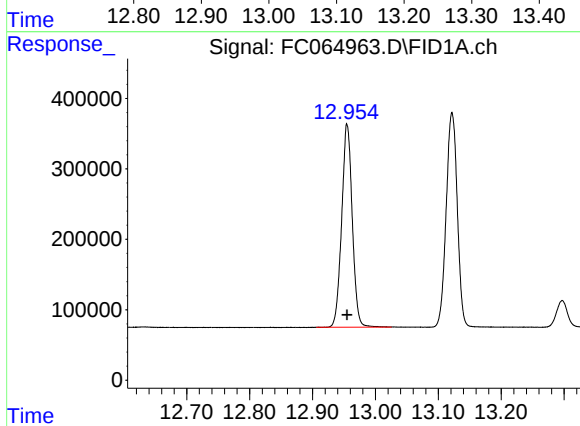
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.000 min
Response: 3891225
Conc: 21.64 ug/ml



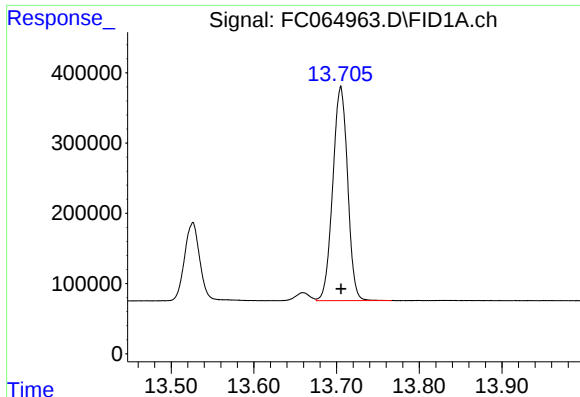
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: 0.000 min
Response: 3732728
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

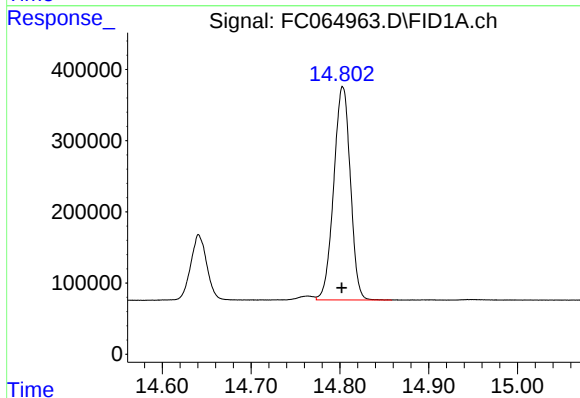
R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 3373245
Conc: 21.34 ug/ml



#13 n-Docosane (C22)

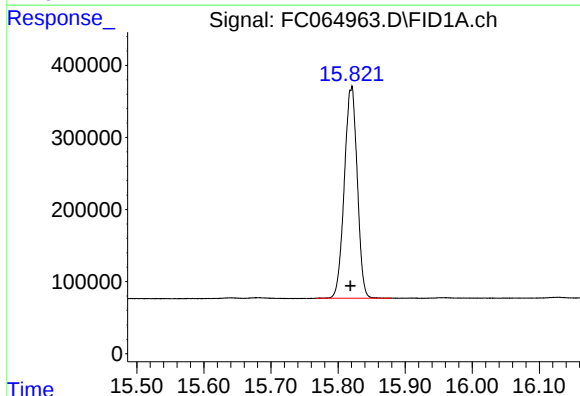
R.T.: 13.705 min
Delta R.T.: 0.000 min
Response: 3804715
Conc: 22.15 ug/ml

Instrument :
FID_C
ClientSampleId :



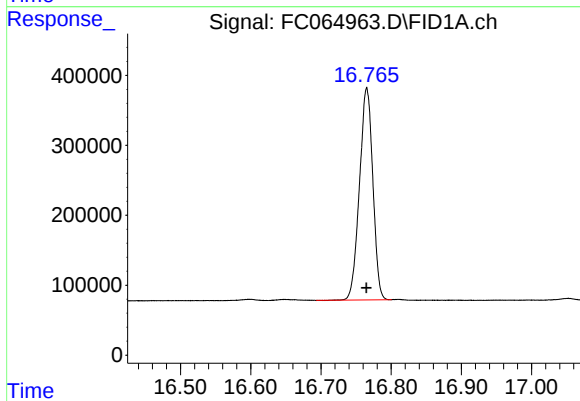
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.001 min
Response: 3897929
Conc: 23.40 ug/ml



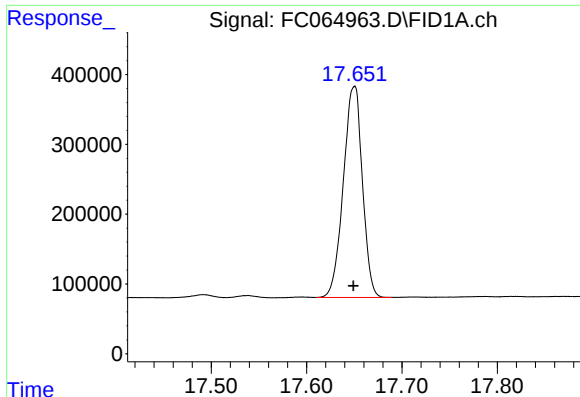
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.001 min
Response: 3928929
Conc: 24.48 ug/ml



#16 n-Octacosane (C28)

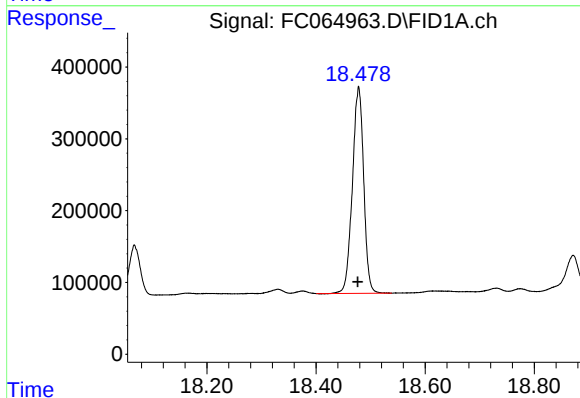
R.T.: 16.765 min
Delta R.T.: 0.000 min
Response: 4005164
Conc: 25.59 ug/ml



#17 n-Tricontane (C30)

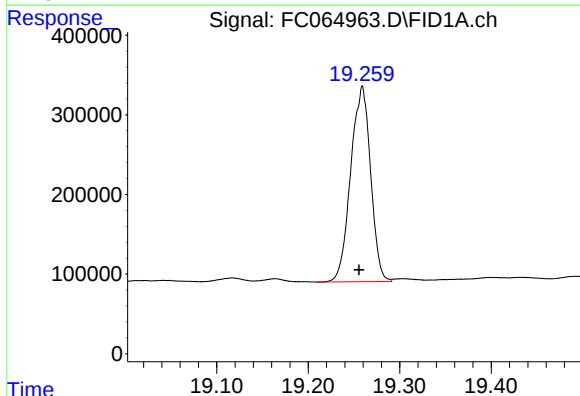
R.T.: 17.650 min
Delta R.T.: 0.000 min
Response: 4205988
Conc: 26.55 ug/ml

Instrument :
FID_C
ClientSampleId :



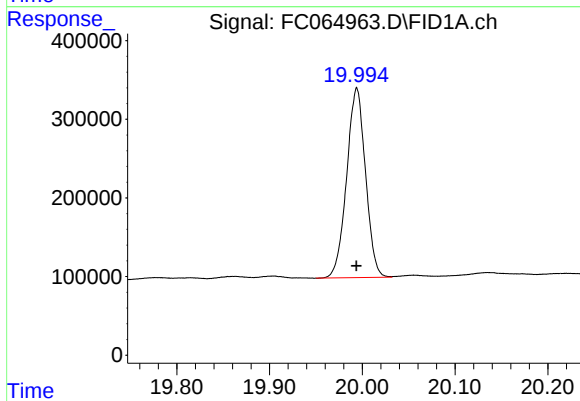
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.002 min
Response: 4134710
Conc: 26.19 ug/ml



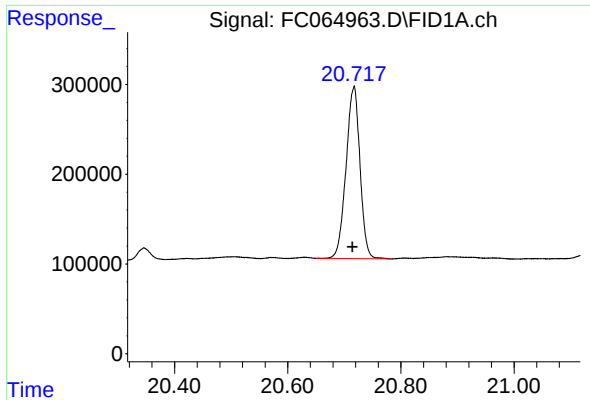
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.003 min
Response: 3705296
Conc: 24.27 ug/ml



#20 n-Hexatriacontane (C36)

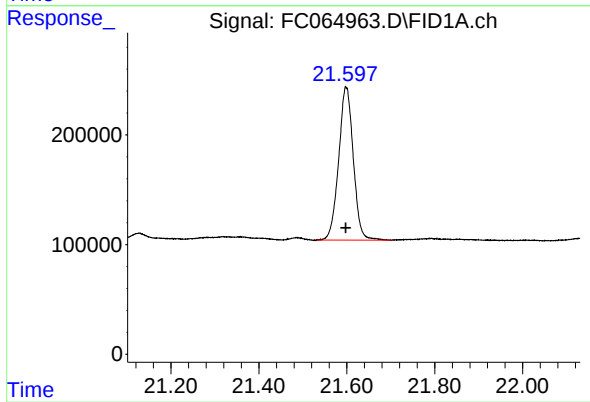
R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 3403058
Conc: 22.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.003 min
Response: 3281120
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.000 min
Response: 3227490
Conc: 21.94 ug/ml