

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080924AL\
 Data File : FC066982.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2024 13:59
 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: Aug 10 03:12:18 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			
9) S ortho-Terphenyl (SURR)	11.513	2754921	17.895 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
12) S 1-chlorooctadecane (S...	12.952	2027291	18.131 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.283	2477390	17.459 ug/ml
2) T n-Decane (C10)	4.348	2620406	17.726 ug/ml
3) T A~Naphthalene (C11.7)	5.927	2772799	17.363 ug/ml
4) T n-Dodecane (C12)	6.365	2647547	17.660 ug/ml
5) T A~2-methylnaphthalene...	6.983	2654738	17.317 ug/ml
6) T n-Tetradecane (C14)	8.159	2605626	17.809 ug/ml
7) T n-Hexadecane (C16)	9.759	2694914	18.006 ug/ml
8) T n-Octadecane (C18)	11.200	2705610	18.232 ug/ml
10) T n-Eicosane (C20)	12.509	2548336	18.283 ug/ml
11) T n-Heneicosane (C21)	13.121	2472247	18.150 ug/ml
13) T n-Docosane (C22)	13.706	2445691	18.208 ug/ml
14) T n-Tetracosane (C24)	14.808	2387619	17.950 ug/ml
15) T n-Hexacosane (C26)	15.828	2325669	17.874 ug/ml
16) T n-Octacosane (C28)	16.777	2329995	18.469 ug/ml
17) T n-Tricontane (C30)	17.665	2515319	19.560 ug/ml
18) T n-Dotriacontane (C32)	18.496	2555500	20.299 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2393317	19.345 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2168120	18.639 ug/ml
21) T n-Octatriacontane (C38)	20.745	2018695	18.169 ug/ml
22) T n-Tetracontane (C40)	21.638	1886892	17.356 ug/ml

(f)=RT Delta > 1/2 Window

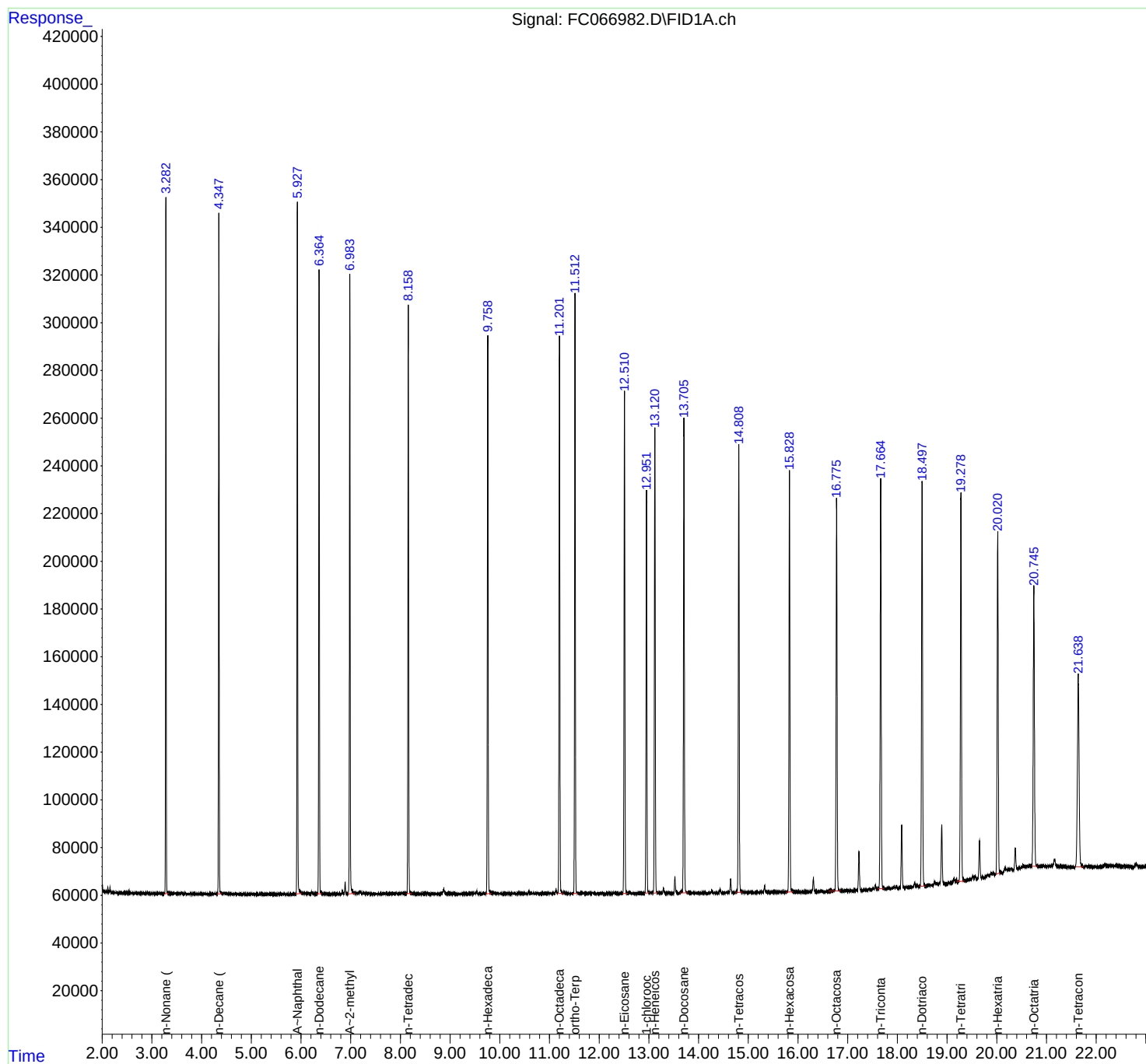
(m)=manual int.

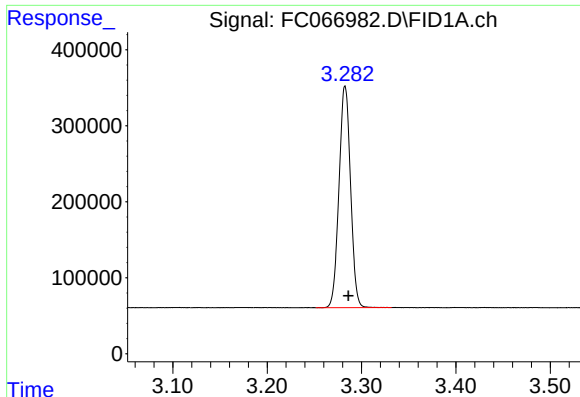
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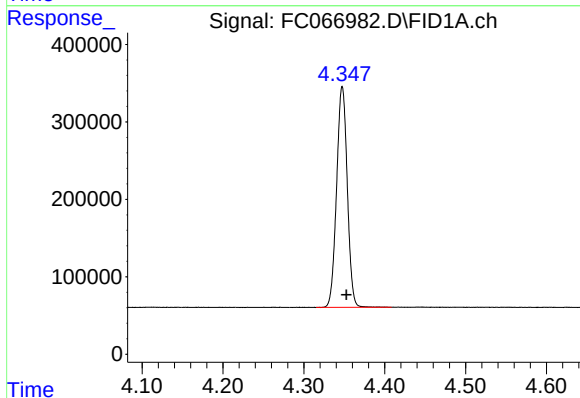




#1 n-Nonane (C9)

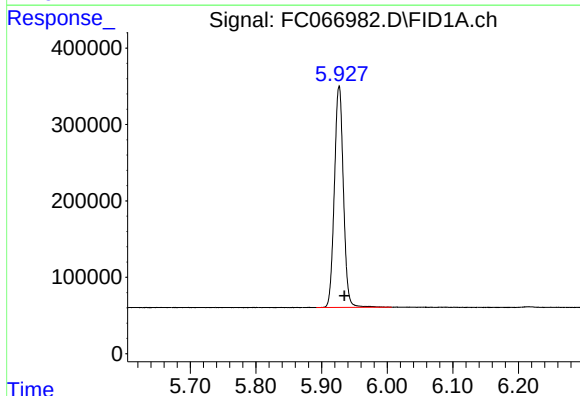
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 2477390
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :



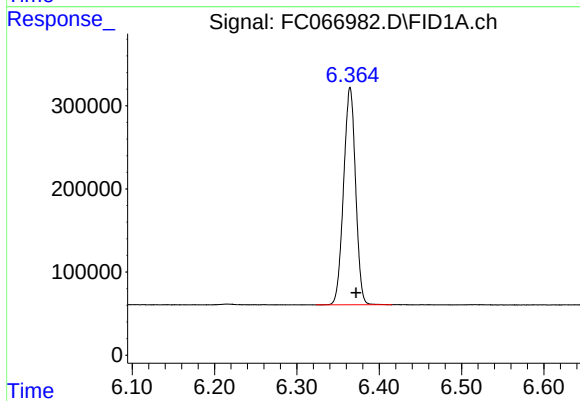
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 2620406
Conc: 17.73 ug/ml



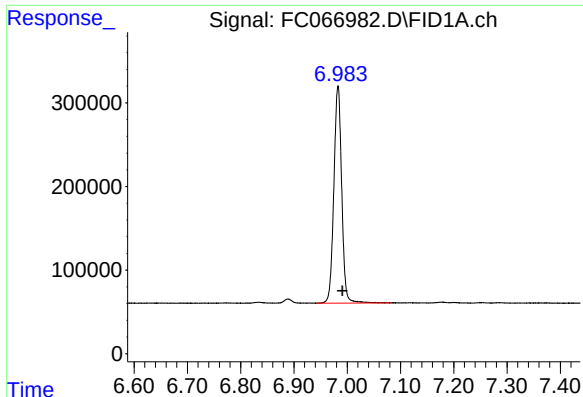
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 2772799
Conc: 17.36 ug/ml



#4 n-Dodecane (C12)

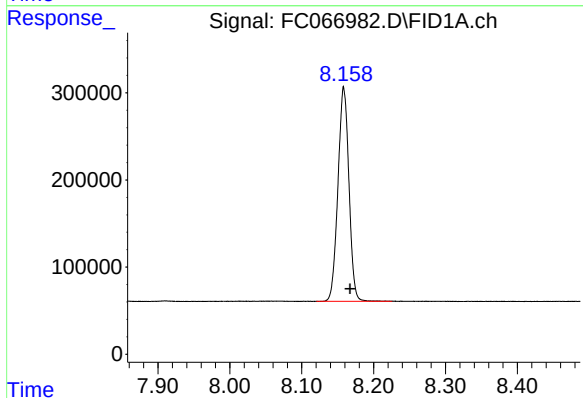
R.T.: 6.365 min
Delta R.T.: -0.007 min
Response: 2647547
Conc: 17.66 ug/ml



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

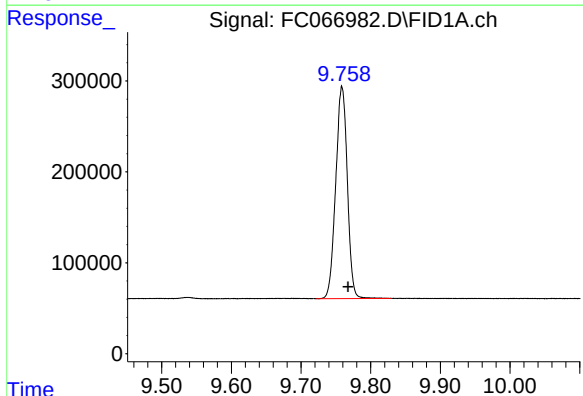
R.T.: 6.983 min
Delta R.T.: -0.009 min
Response: 2654738
Conc: 17.32 ug/ml

Instrument :
FID_C
ClientSampleId :



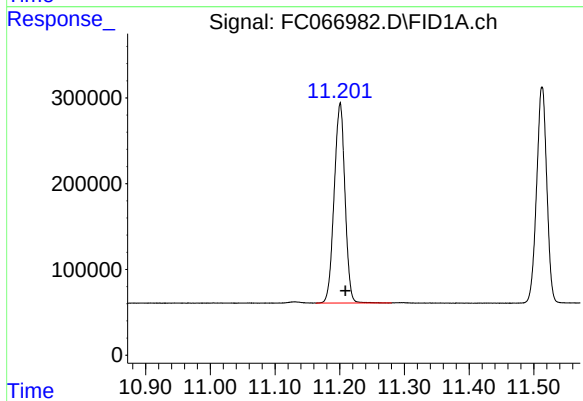
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.009 min
Response: 2605626
Conc: 17.81 ug/ml



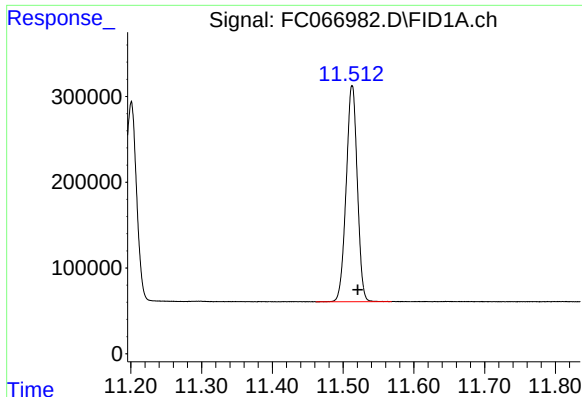
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.009 min
Response: 2694914
Conc: 18.01 ug/ml



#8 n-Octadecane (C18)

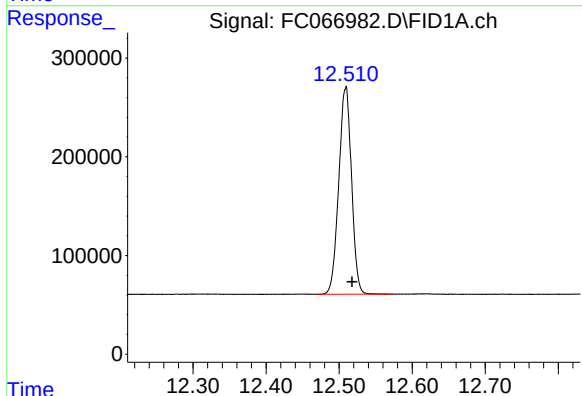
R.T.: 11.200 min
Delta R.T.: -0.008 min
Response: 2705610
Conc: 18.23 ug/ml



#9 ortho-Terphenyl (SURR)

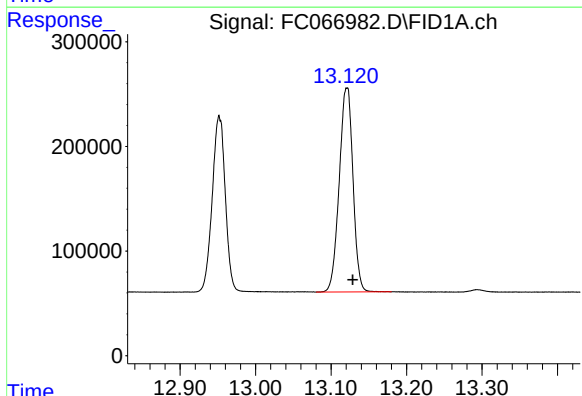
R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 2754921
Conc: 17.89 ug/ml

Instrument :
FID_C
ClientSampleId :



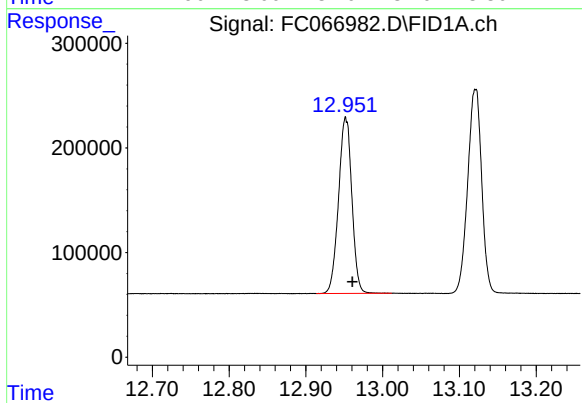
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.009 min
Response: 2548336
Conc: 18.28 ug/ml



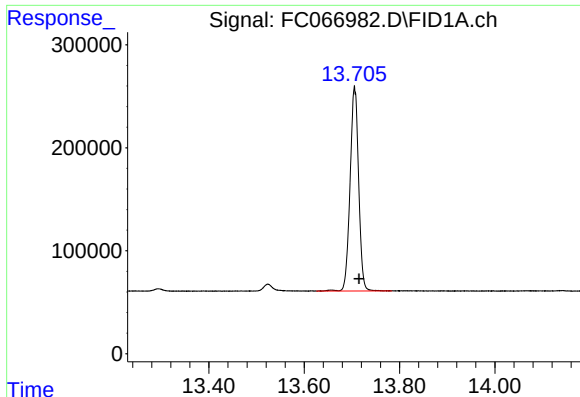
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: -0.008 min
Response: 2472247
Conc: 18.15 ug/ml



#12 1-chlorooctadecane (SURR)

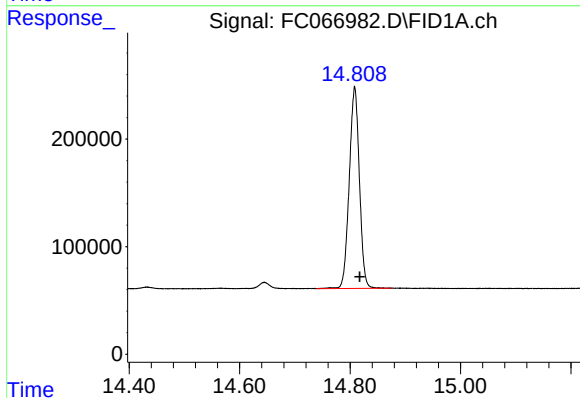
R.T.: 12.952 min
Delta R.T.: -0.009 min
Response: 2027291
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

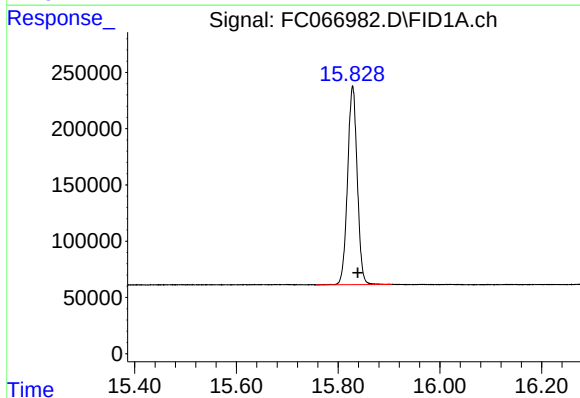
R.T.: 13.706 min
Delta R.T.: -0.009 min
Response: 2445691
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :



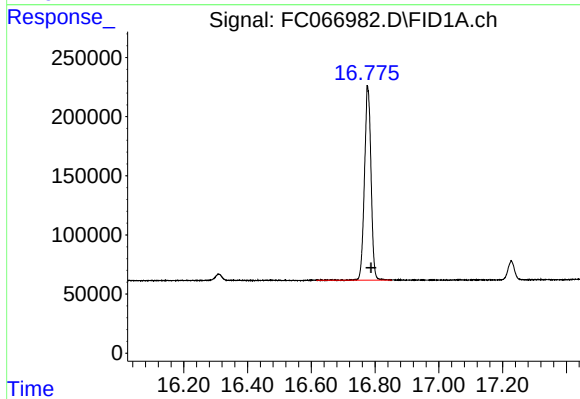
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.009 min
Response: 2387619
Conc: 17.95 ug/ml



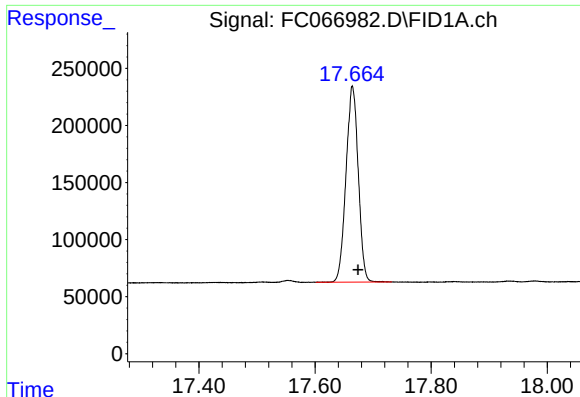
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.010 min
Response: 2325669
Conc: 17.87 ug/ml



#16 n-Octacosane (C28)

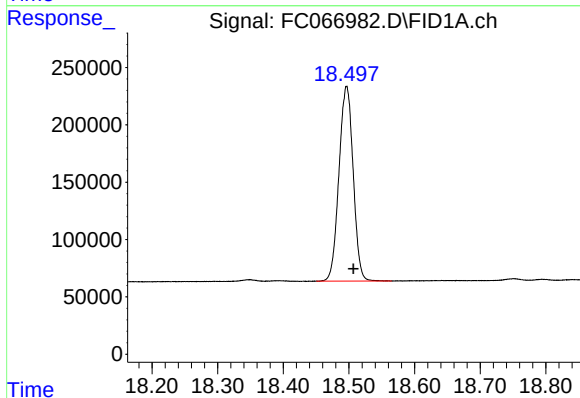
R.T.: 16.777 min
Delta R.T.: -0.010 min
Response: 2329995
Conc: 18.47 ug/ml



#17 n-Tricontane (C30)

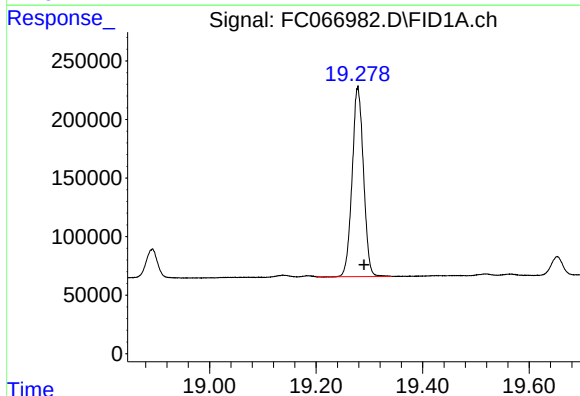
R.T.: 17.665 min
Delta R.T.: -0.010 min
Response: 2515319
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



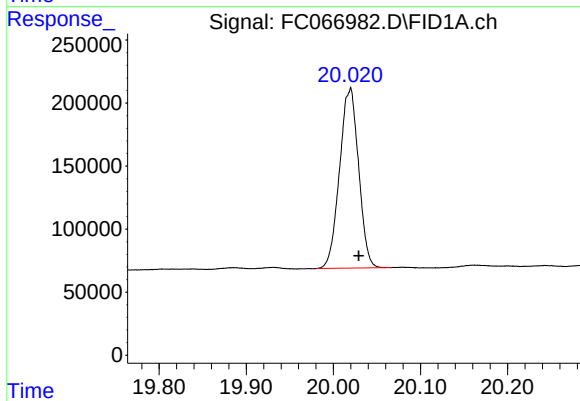
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.011 min
Response: 2555500
Conc: 20.30 ug/ml



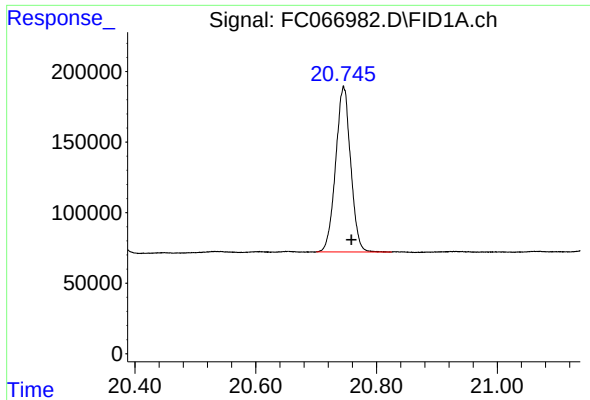
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.011 min
Response: 2393317
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

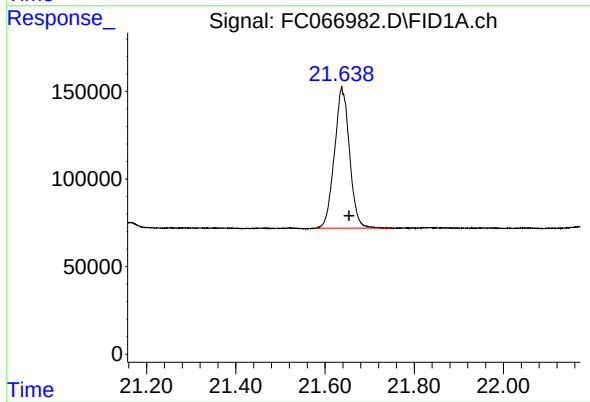
R.T.: 20.019 min
Delta R.T.: -0.010 min
Response: 2168120
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: -0.013 min
Response: 2018695
Conc: 18.17 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.016 min
Response: 1886892
Conc: 17.36 ug/ml