

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121423AL\
 Data File : FC065445.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2023 12:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 14 23:31:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.499	4350830	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	12.931	3179483	19.201 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.298	3470451	17.331 ug/ml
2) T n-Decane (C10)	4.358	3681702	18.318 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3649083	17.973 ug/ml
4) T n-Dodecane (C12)	6.368	3691463	18.153 ug/ml
5) T A~2-methylnaphthalene...	6.994	3610653	18.577 ug/ml
6) T n-Tetradecane (C14)	8.157	3639567	18.314 ug/ml
7) T n-Hexadecane (C16)	9.750	3709660	18.727 ug/ml
8) T n-Octadecane (C18)	11.186	3750643	18.936 ug/ml
10) T n-Eicosane (C20)	12.489	3579361	18.915 ug/ml
11) T n-Heneicosane (C21)	13.097	3495259	18.917 ug/ml
13) T n-Docosane (C22)	13.680	3440374	19.070 ug/ml
14) T n-Tetracosane (C24)	14.777	3357821	19.368 ug/ml
15) T n-Hexacosane (C26)	15.792	3259220	19.573 ug/ml
16) T n-Octacosane (C28)	16.738	3308309	20.684 ug/ml
17) T n-Tricontane (C30)	17.622	3590507	22.549 ug/ml
18) T n-Dotriacontane (C32)	18.451	3675717	23.382 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3438542	22.282 ug/ml
20) T n-Hexatriacontane (C36)	19.967	3217652	20.991 ug/ml
21) T n-Octatriacontane (C38)	20.683	3054984	20.091 ug/ml
22) T n-Tetracontane (C40)	21.556	2948433	19.668 ug/ml

(f)=RT Delta > 1/2 Window

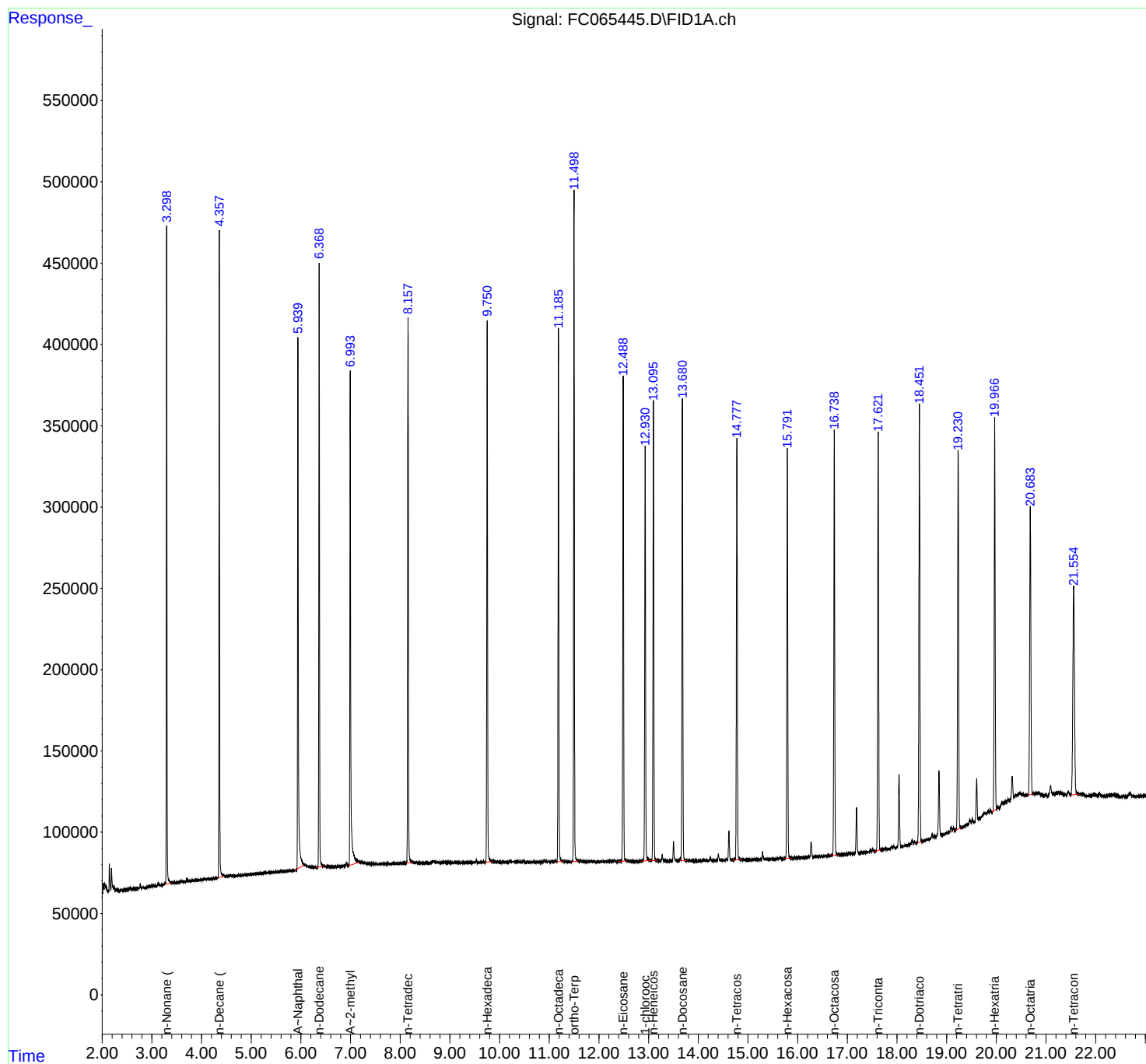
(m)=manual int.

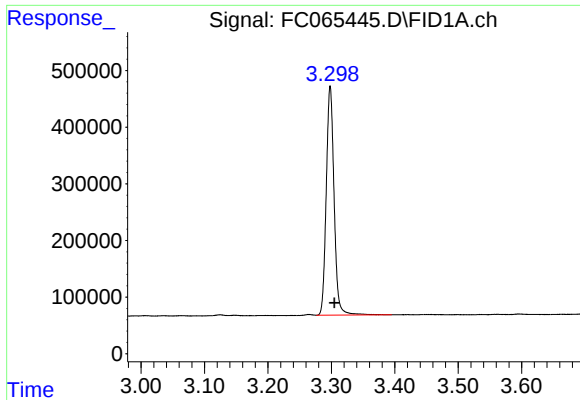
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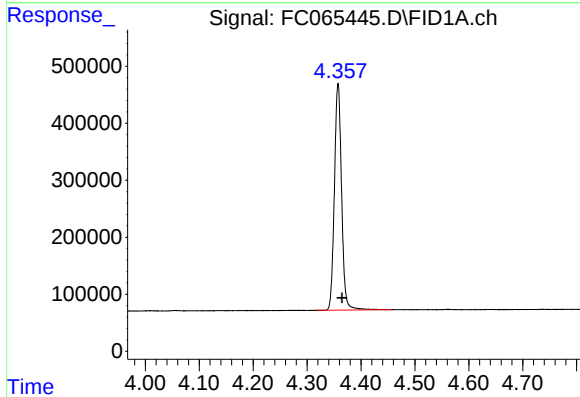




#1 n-Nonane (C9)

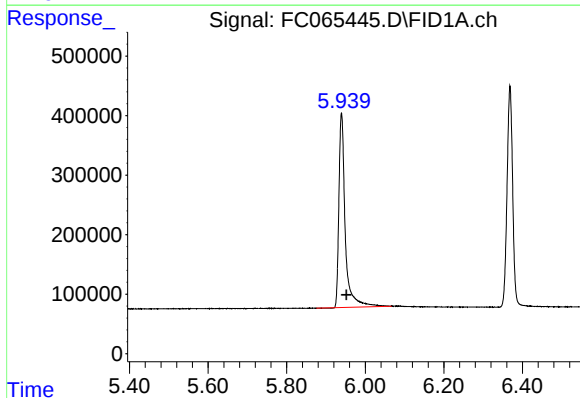
R.T.: 3.298 min
Delta R.T.: -0.007 min
Response: 3470451
Conc: 17.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



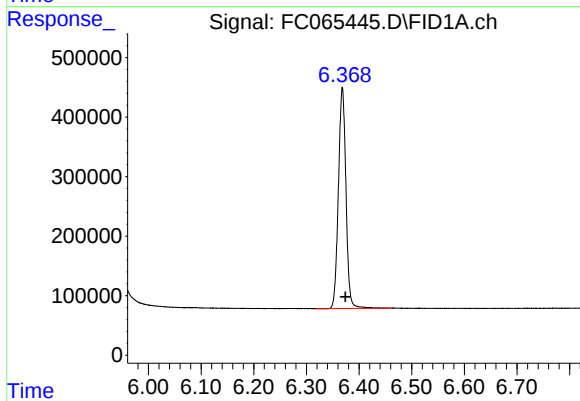
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 3681702
Conc: 18.32 ug/ml



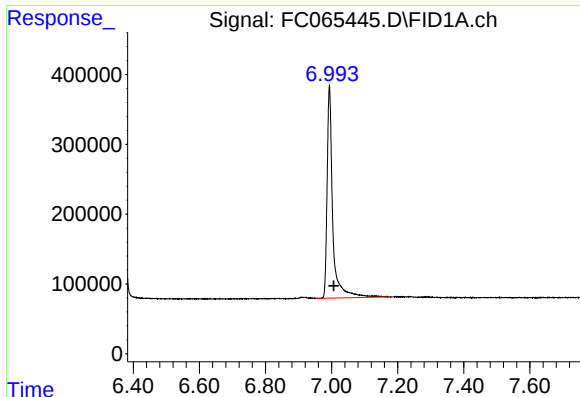
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 3649083
Conc: 17.97 ug/ml



#4 n-Dodecane (C12)

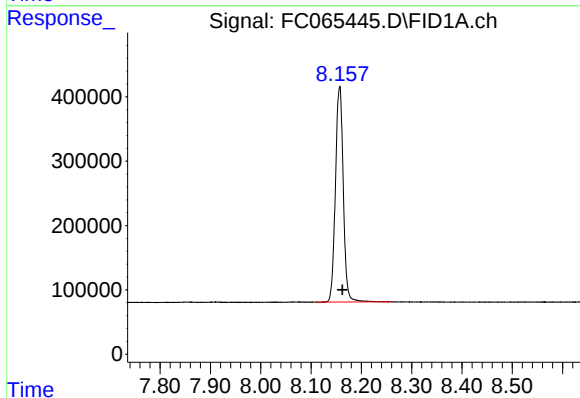
R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 3691463
Conc: 18.15 ug/ml



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

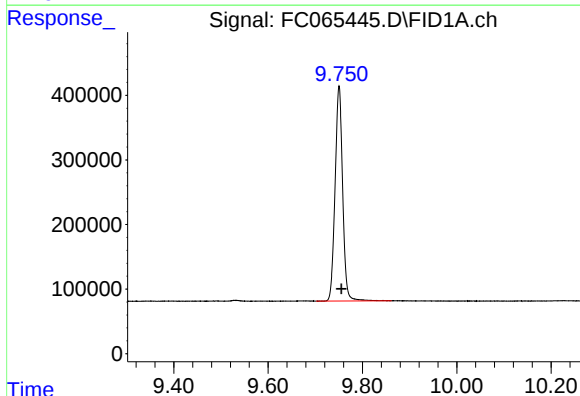
R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 3610653
Conc: 18.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



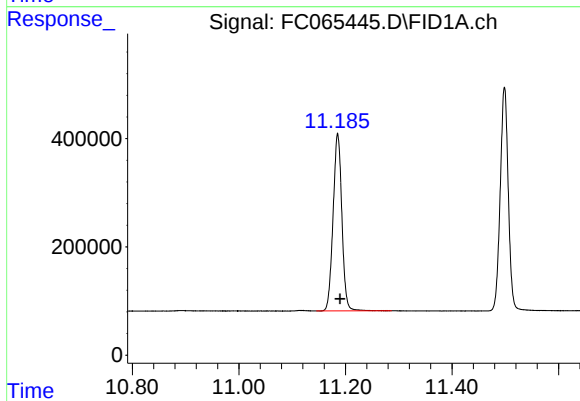
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 3639567
Conc: 18.31 ug/ml



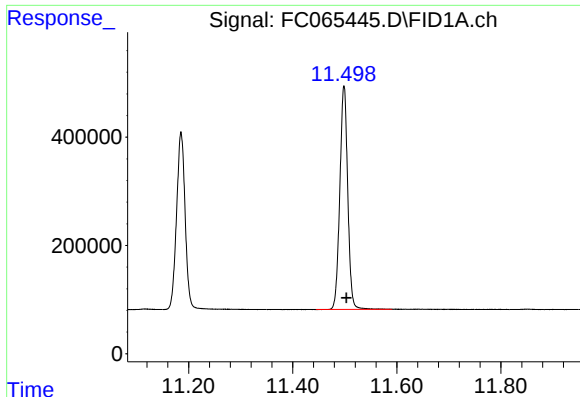
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.005 min
Response: 3709660
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

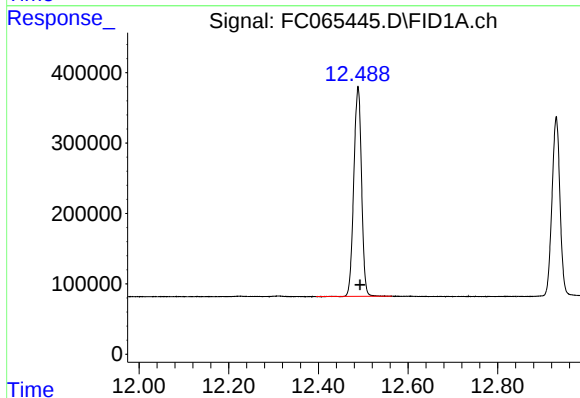
R.T.: 11.186 min
Delta R.T.: -0.005 min
Response: 3750643
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

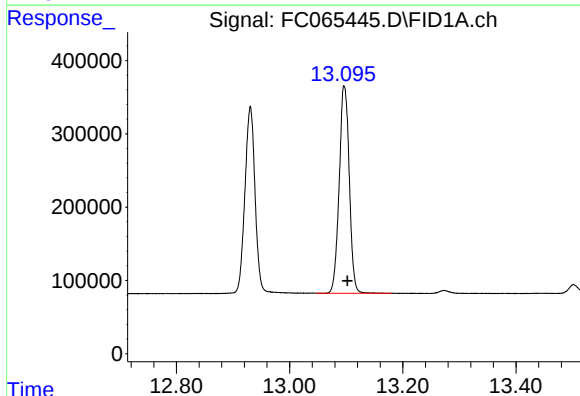
R.T.: 11.499 min
Delta R.T.: -0.004 min
Response: 4350830
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



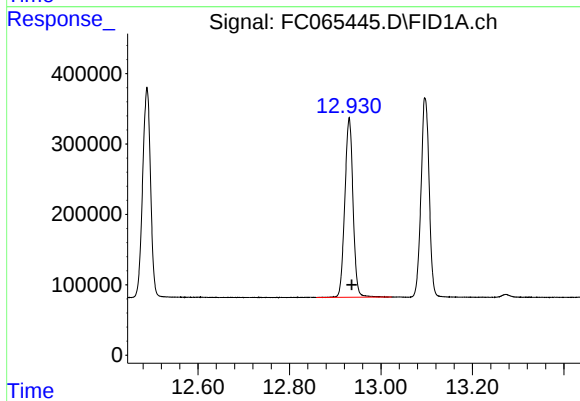
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3579361
Conc: 18.91 ug/ml



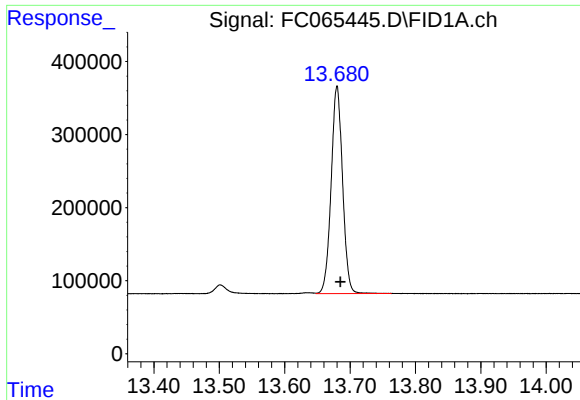
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 3495259
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

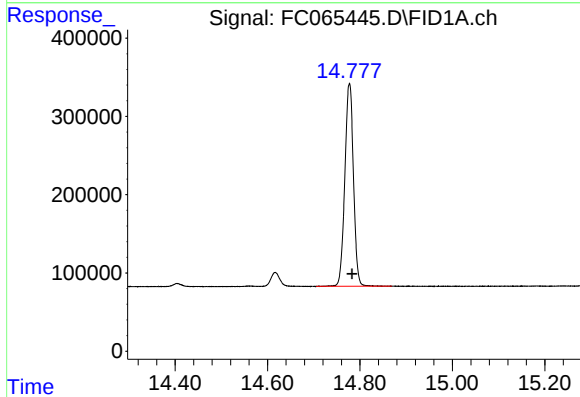
R.T.: 12.931 min
Delta R.T.: -0.005 min
Response: 3179483
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

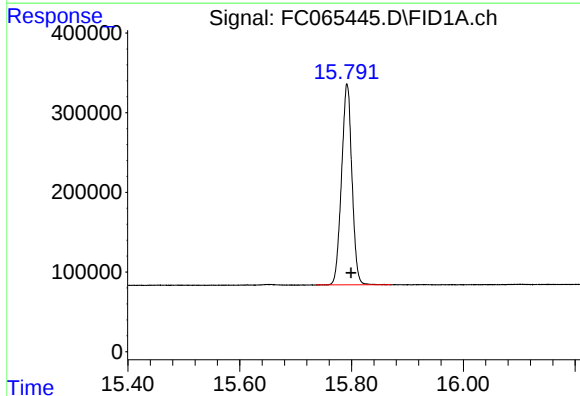
R.T.: 13.680 min
Delta R.T.: -0.005 min
Response: 3440374
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



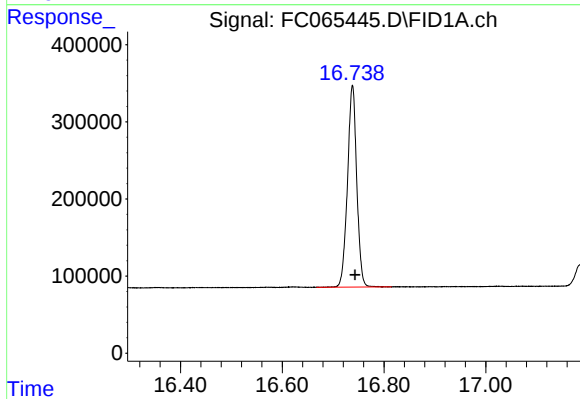
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: -0.005 min
Response: 3357821
Conc: 19.37 ug/ml



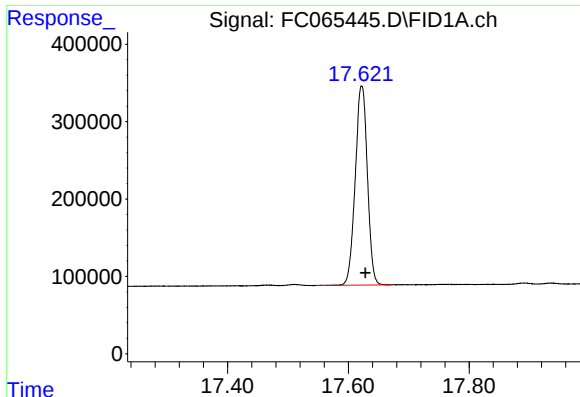
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.007 min
Response: 3259220
Conc: 19.57 ug/ml



#16 n-Octacosane (C28)

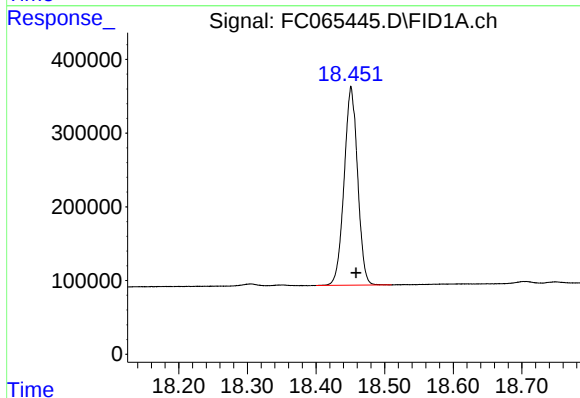
R.T.: 16.738 min
Delta R.T.: -0.005 min
Response: 3308309
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

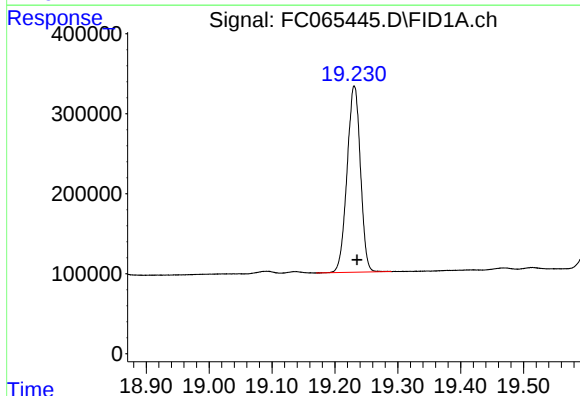
R.T.: 17.622 min
Delta R.T.: -0.006 min
Response: 3590507
Conc: 22.55 ug/ml

Instrument :
FID_C
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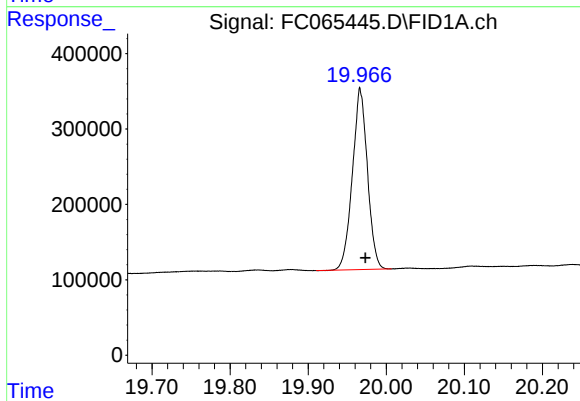
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: -0.007 min
Response: 3675717
Conc: 23.38 ug/ml



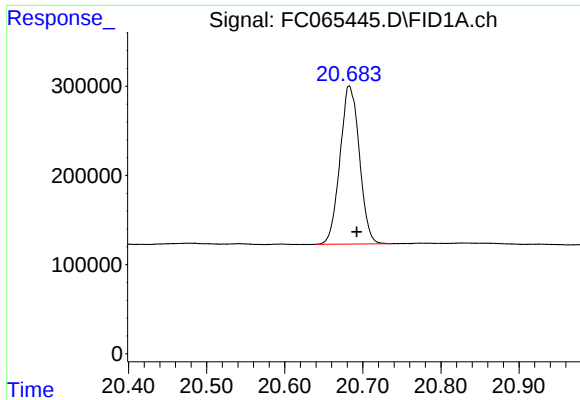
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.005 min
Response: 3438542
Conc: 22.28 ug/ml



#20 n-Hexatriacontane (C36)

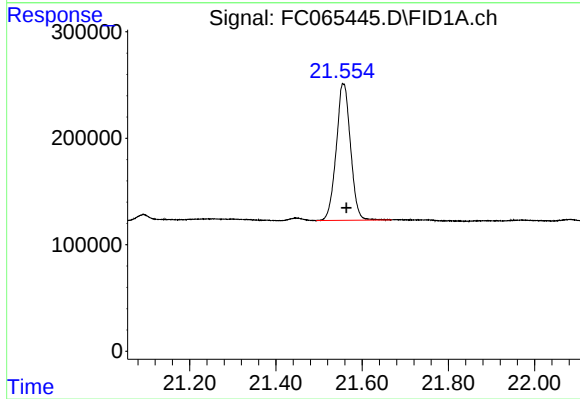
R.T.: 19.967 min
Delta R.T.: -0.007 min
Response: 3217652
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: -0.009 min
Response: 3054984
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: -0.008 min
Response: 2948433
Conc: 19.67 ug/ml