

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065891.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 14:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 01:08:44 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			
9) S ortho-Terphenyl (SURR)	11.497	3453331	20.132 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.927	2611699	20.753 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
Target Compounds			
1) T n-Nonane (C9)	3.291	2907848	19.355 ug/ml
2) T n-Decane (C10)	4.352	3052698	20.078 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3248301	21.064 ug/ml
4) T n-Dodecane (C12)	6.364	3112928	20.339 ug/ml
5) T A~2-methylnaphthalene...	6.995	3017056	21.187 ug/ml
6) T n-Tetradecane (C14)	8.153	3032162	20.423 ug/ml
7) T n-Hexadecane (C16)	9.748	3166140	21.112 ug/ml
8) T n-Octadecane (C18)	11.182	3220511	20.878 ug/ml
10) T n-Eicosane (C20)	12.484	3124240	20.776 ug/ml
11) T n-Heneicosane (C21)	13.093	3085486	20.631 ug/ml
13) T n-Docosane (C22)	13.676	3100469	20.903 ug/ml
14) T n-Tetracosane (C24)	14.774	3118362	20.973 ug/ml
15) T n-Hexacosane (C26)	15.789	3092992	20.872 ug/ml
16) T n-Octacosane (C28)	16.735	3186252	21.715 ug/ml
17) T n-Tricontane (C30)	17.617	3479829	23.181 ug/ml
18) T n-Dotriacontane (C32)	18.446	3529412	23.866 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3337020	23.023 ug/ml
20) T n-Hexatriacontane (C36)	19.961	3082895	21.719 ug/ml
21) T n-Octatriacontane (C38)	20.678	2925219	20.666 ug/mlm
22) T n-Tetracontane (C40)	21.549	2817621	20.200 ug/ml

(f)=RT Delta > 1/2 Window

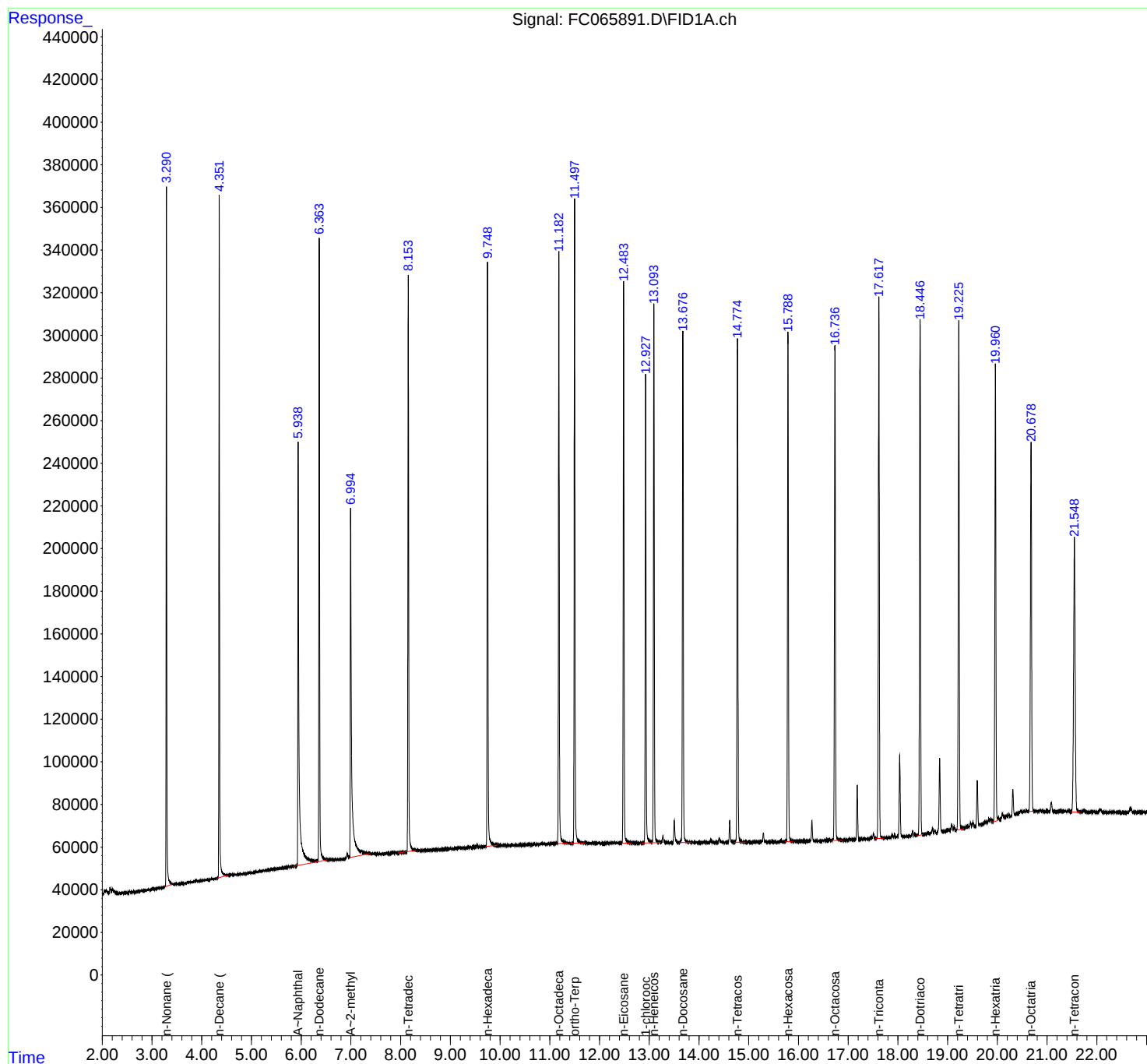
(m)=manual int.

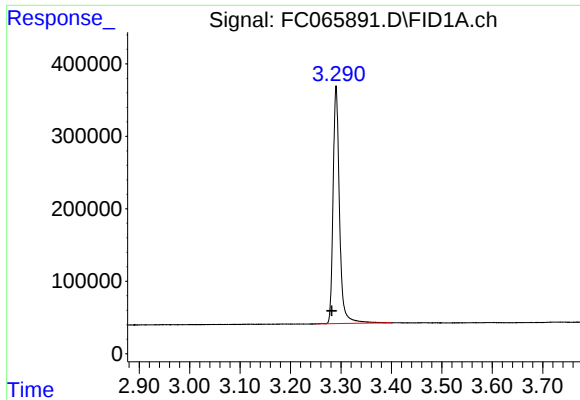
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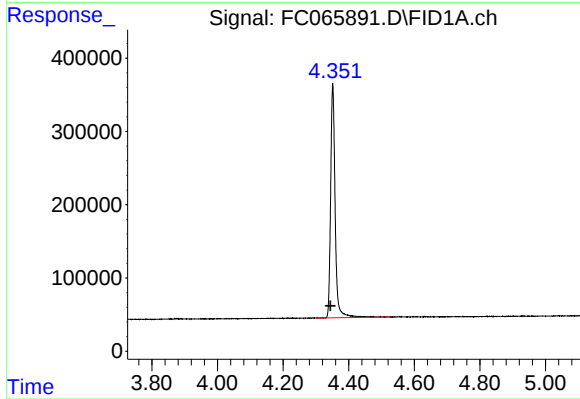




#1 n-Nonane (C9)

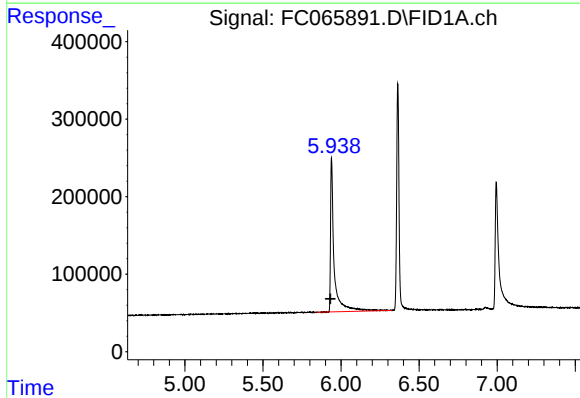
R.T.: 3.291 min
Delta R.T.: 0.009 min
Response: 2907848
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



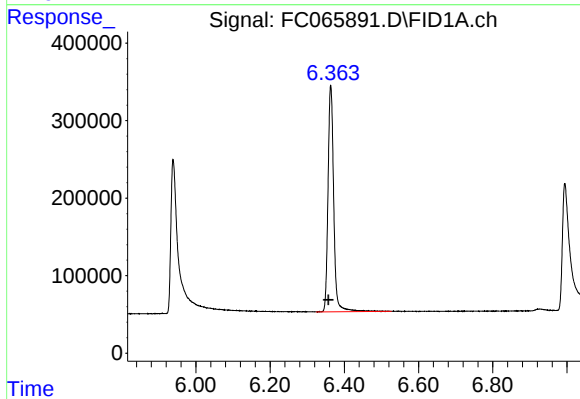
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.007 min
Response: 3052698
Conc: 20.08 ug/ml



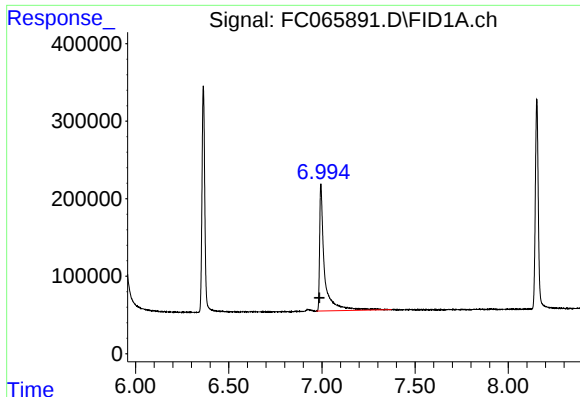
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 3248301
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

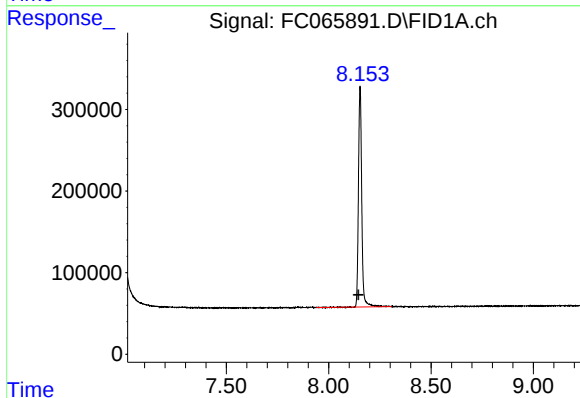
R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 3112928
Conc: 20.34 ug/ml



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

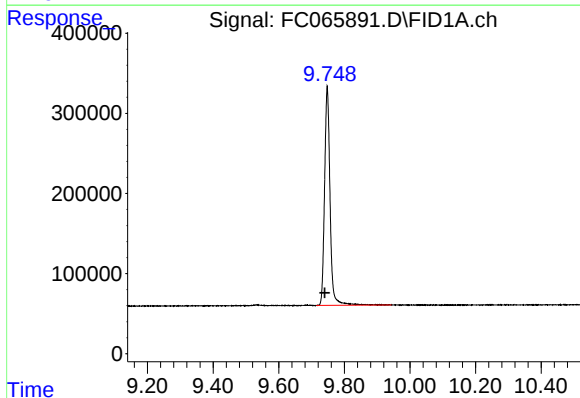
R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 3017056
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



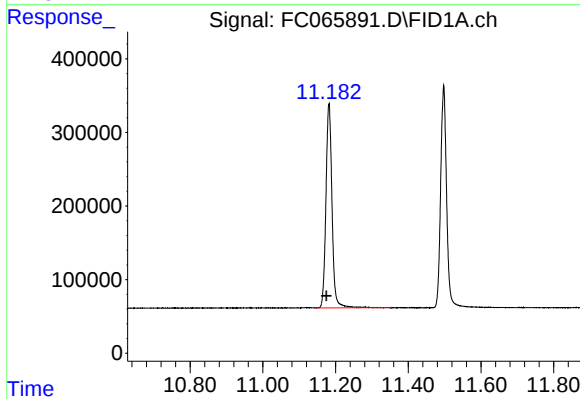
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.008 min
Response: 3032162
Conc: 20.42 ug/ml



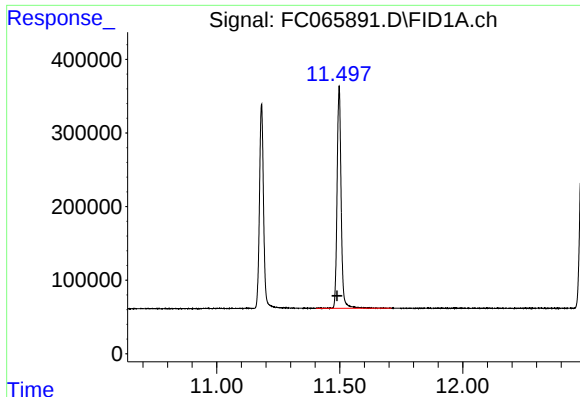
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.008 min
Response: 3166140
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

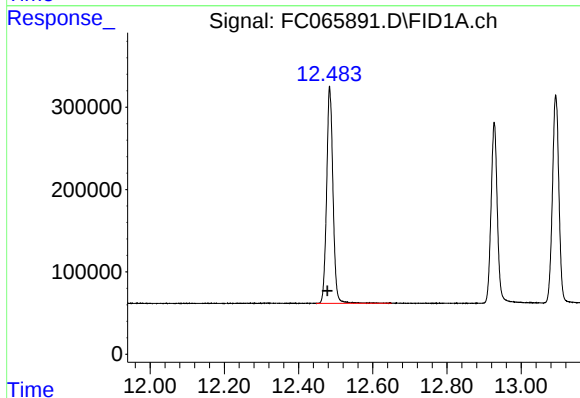
R.T.: 11.182 min
Delta R.T.: 0.007 min
Response: 3220511
Conc: 20.88 ug/ml



#9 ortho-Terphenyl (SURR)

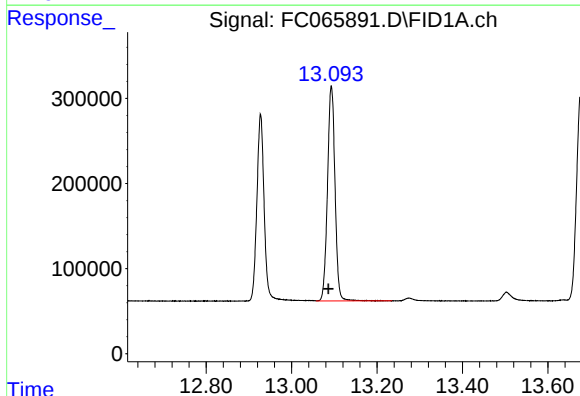
R.T.: 11.497 min
Delta R.T.: 0.009 min
Response: 3453331
Conc: 20.13 ug/ml

Instrument :
FID_C
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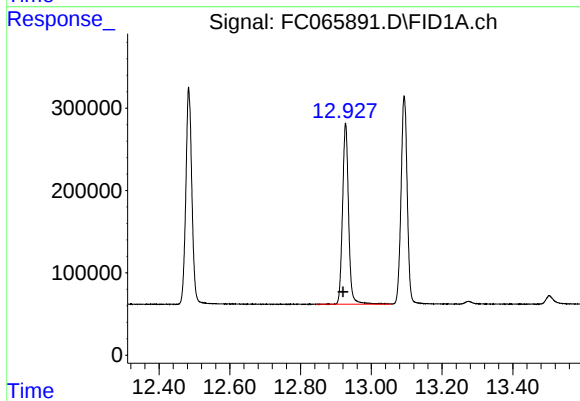
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.006 min
Response: 3124240
Conc: 20.78 ug/ml



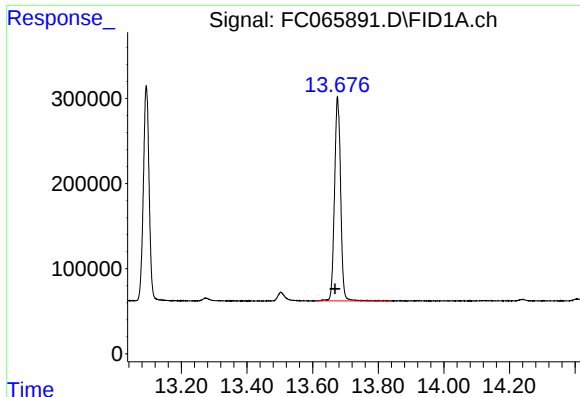
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.007 min
Response: 3085486
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

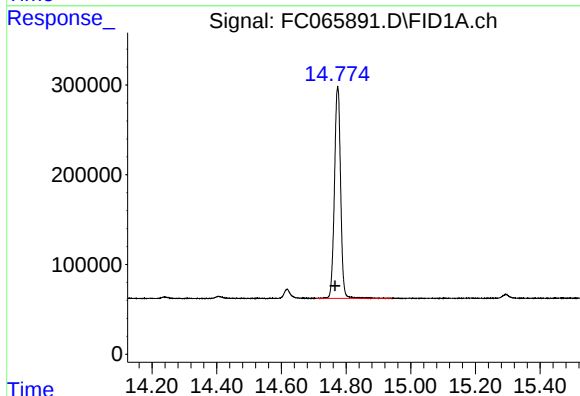
R.T.: 12.927 min
Delta R.T.: 0.007 min
Response: 2611699
Conc: 20.75 ug/ml



#13 n-Docosane (C22)

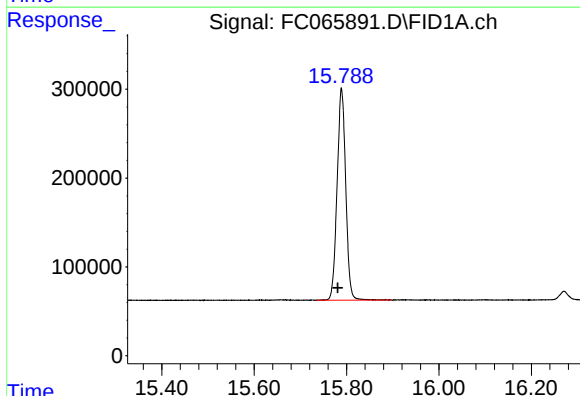
R.T.: 13.676 min
Delta R.T.: 0.007 min
Response: 3100469
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



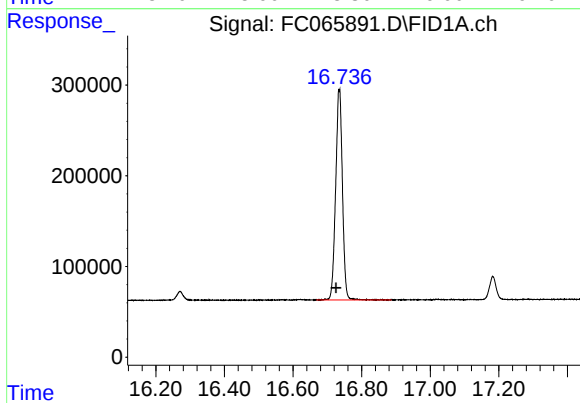
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 3118362
Conc: 20.97 ug/ml



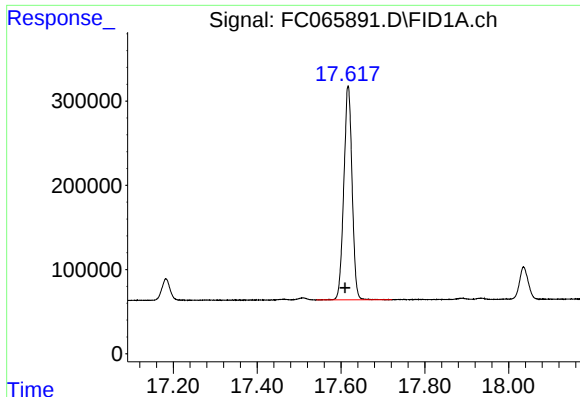
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.008 min
Response: 3092992
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

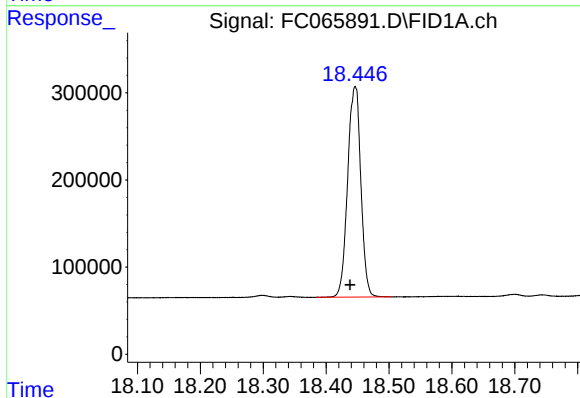
R.T.: 16.735 min
Delta R.T.: 0.009 min
Response: 3186252
Conc: 21.71 ug/ml



#17 n-Tricontane (C30)

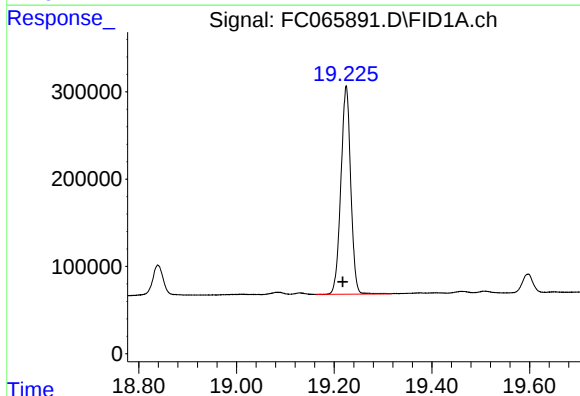
R.T.: 17.617 min
Delta R.T.: 0.007 min
Response: 3479829
Conc: 23.18 ug/ml

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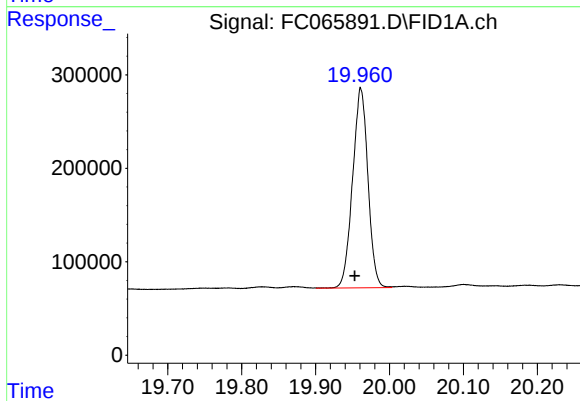
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 3529412
Conc: 23.87 ug/ml



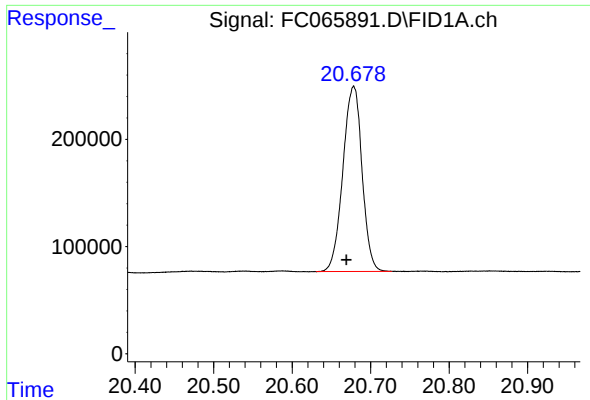
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3337020
Conc: 23.02 ug/ml



#20 n-Hexatriacontane (C36)

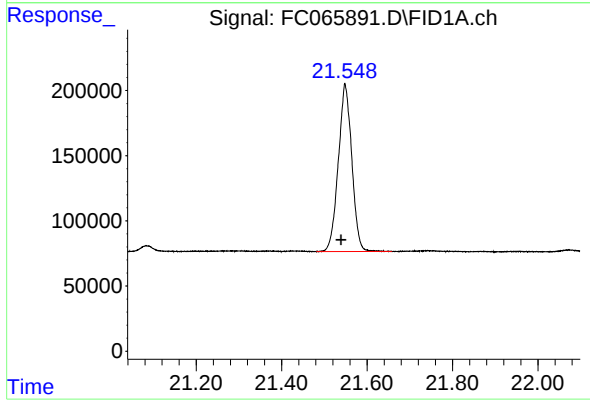
R.T.: 19.961 min
Delta R.T.: 0.008 min
Response: 3082895
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 2925219
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.010 min
Response: 2817621
Conc: 20.20 ug/ml