

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082222AL\
 Data File : FF011285.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2022 18:42
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 23 02:57:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:53:32 2022
 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)	10.705	12662293	97.918 ug/ml
Spiked Amount 50.000		Recovery =	195.84%
12) S 1-chlorooctadecane (S...	12.145	9986337	98.736 ug/ml
Spiked Amount 50.000		Recovery =	197.47%
Target Compounds			
1) T n-Nonane (C9)	2.602	11843645	97.591 ug/ml
2) T n-Decane (C10)	3.597	11834086	97.705 ug/ml
3) T A~Naphthalene (C11.7)	5.141	12974249	98.955 ug/ml
4) T n-Dodecane (C12)	5.576	11976357	97.749 ug/ml
5) T A~2-methylnaphthalene...	6.187	12983661	99.717 ug/ml
6) T n-Tetradecane (C14)	7.363	11953258	97.758 ug/ml
7) T n-Hexadecane (C16)	8.959	11801190	97.969 ug/ml
8) T n-Octadecane (C18)	10.398	11739602	97.806 ug/ml
10) T n-Eicosane (C20)	11.704	11373544	97.898 ug/ml
11) T n-Heneicosane (C21)	12.315	11298321	98.042 ug/ml
13) T n-Docosane (C22)	12.900	11116872	98.140 ug/ml
14) T n-Tetracosane (C24)	14.001	10869112	98.094 ug/ml
15) T n-Hexacosane (C26)	15.020	10530925	98.196 ug/ml
16) T n-Octacosane (C28)	15.968	10303647	97.959 ug/ml
17) T n-Tricontane (C30)	16.852	9719128	97.623 ug/ml
18) T n-Dotriacontane (C32)	17.682	7889213	97.136 ug/ml
19) T n-Tetratriacontane (C34)	18.461	5809409	97.219 ug/ml
20) T n-Hexatriacontane (C36)	19.198	4473196	97.280 ug/ml
21) T n-Octatriacontane (C38)	19.901	3822209	97.420 ug/ml
22) T n-Tetracontane (C40)	20.716	3530604	95.789 ug/ml

(f)=RT Delta > 1/2 Window

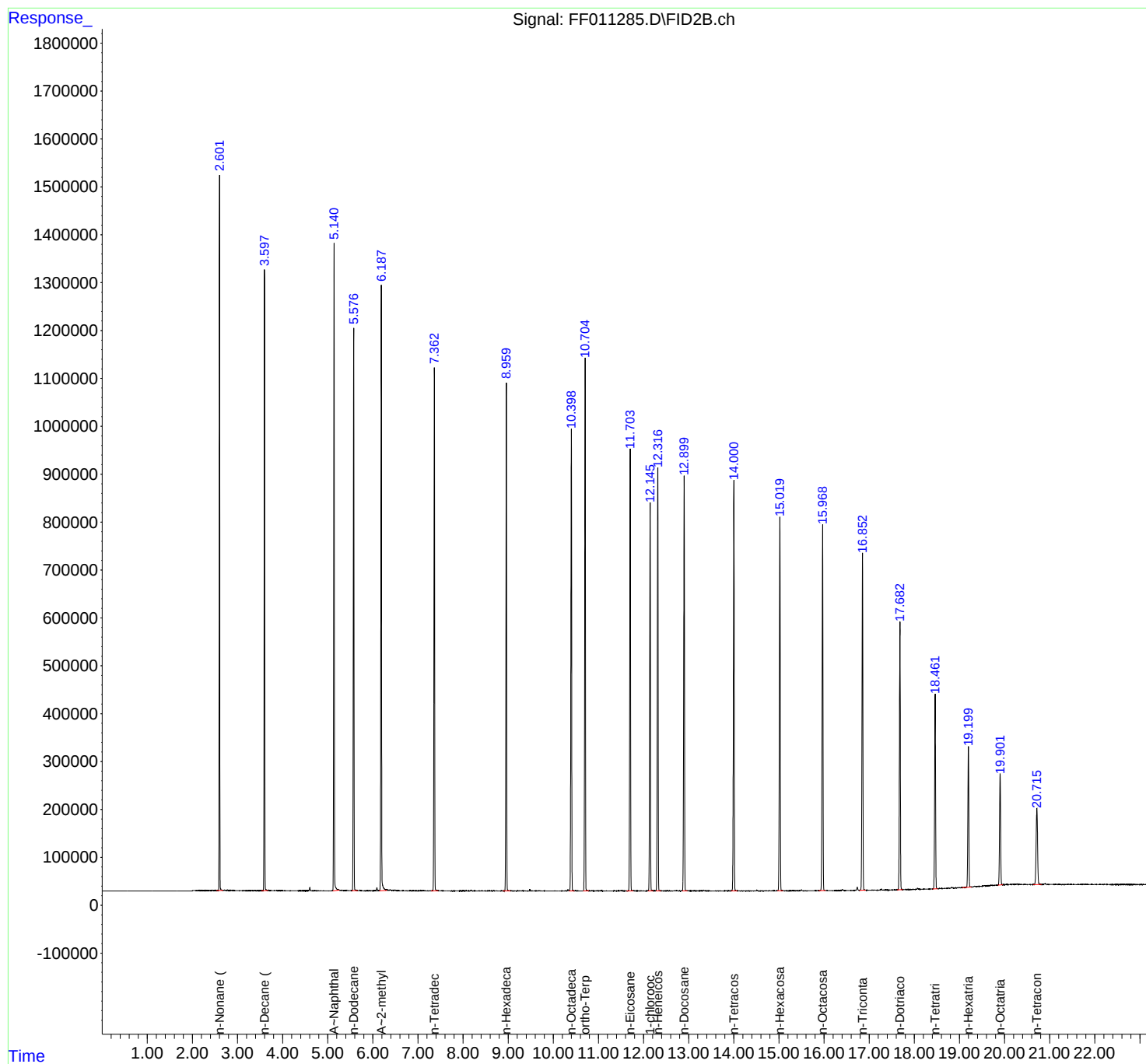
(m)=manual int.

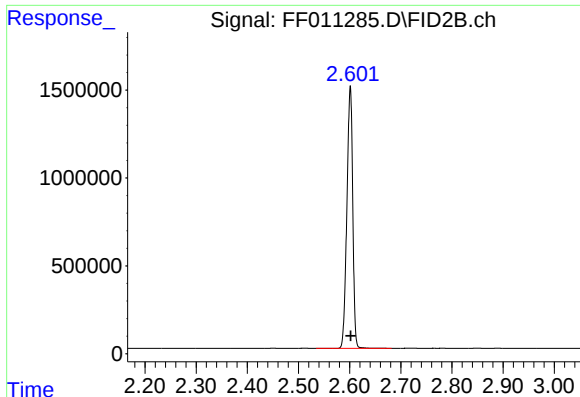
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#1 n-Nonane (C9)

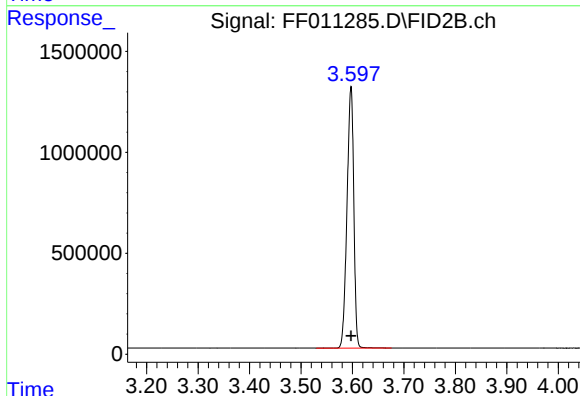
R.T.: 2.602 min
Delta R.T.: 0.000 min
Response: 11843645
Conc: 97.59 ug/ml

Instrument :

FID_F

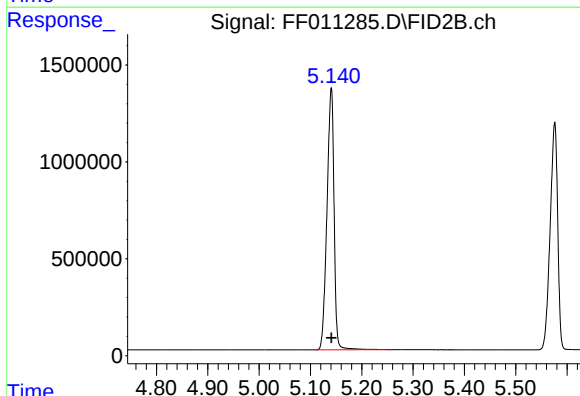
ClientSampleId :

100 PPM ALIPHATIC HC STD1



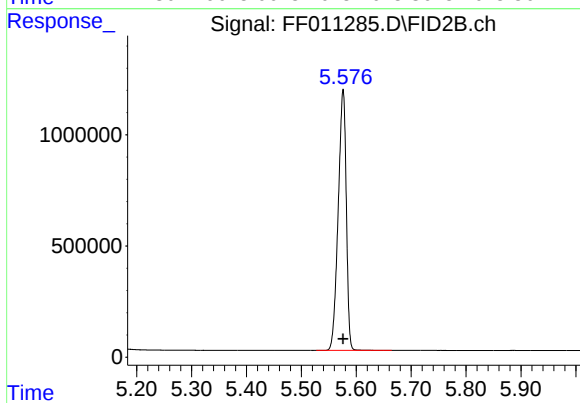
#2 n-Decane (C10)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 11834086
Conc: 97.71 ug/ml



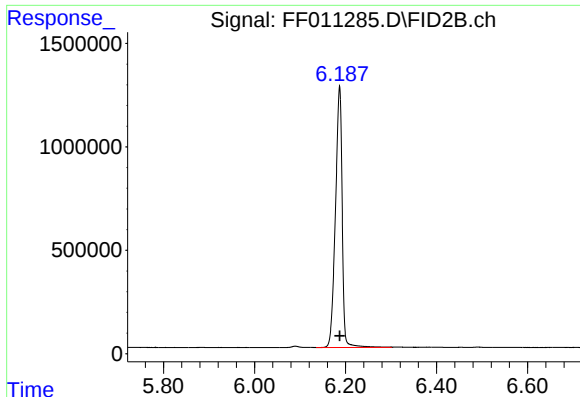
#3 A~Naphthalene (C11.7)

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 12974249
Conc: 98.95 ug/ml



#4 n-Dodecane (C12)

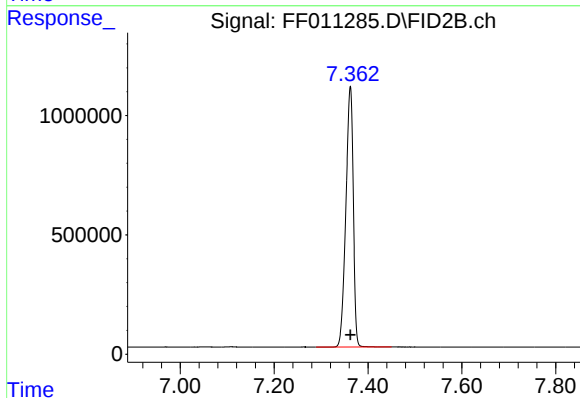
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 11976357
Conc: 97.75 ug/ml



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

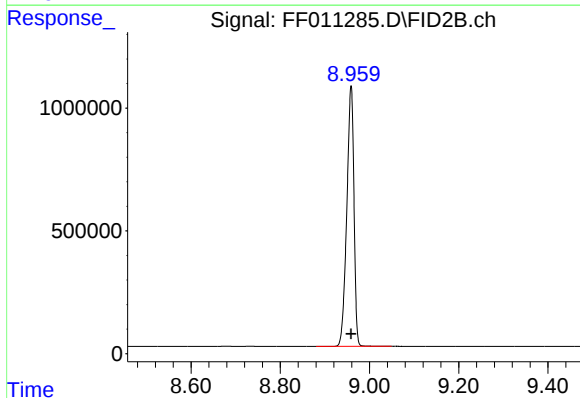
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 12983661
Conc: 99.72 ug/ml

Instrument :
FID_F
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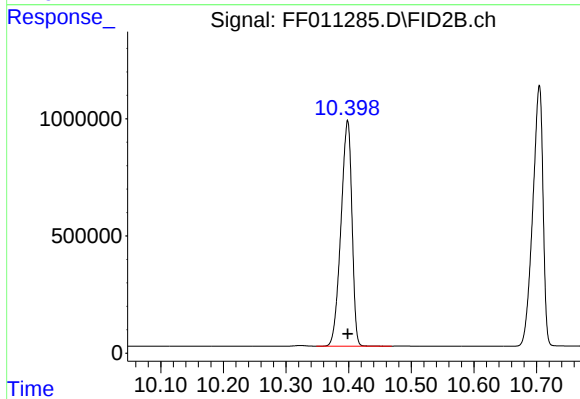
#6 n-Tetradecane (C14)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 11953258
Conc: 97.76 ug/ml



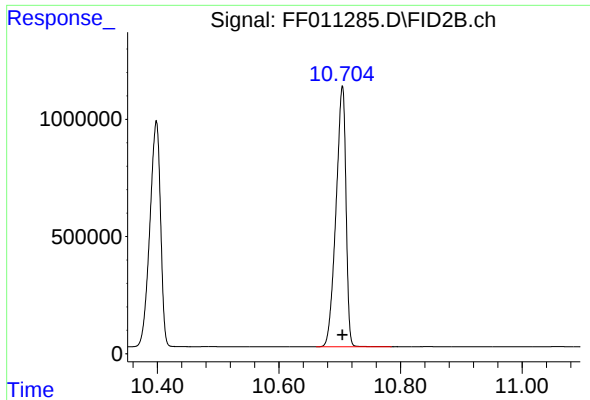
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: 0.000 min
Response: 11801190
Conc: 97.97 ug/ml



#8 n-Octadecane (C18)

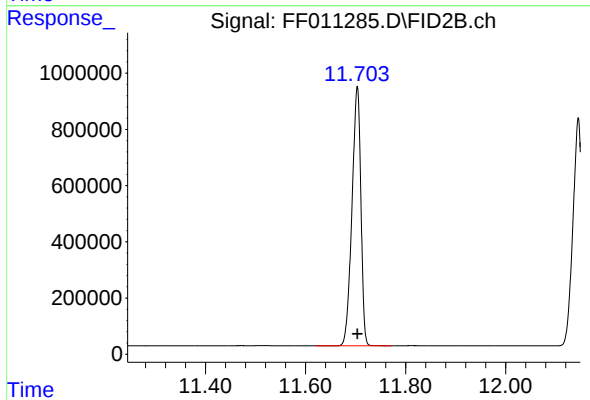
R.T.: 10.398 min
Delta R.T.: 0.000 min
Response: 11739602
Conc: 97.81 ug/ml



#9 ortho-Terphenyl (SURR)

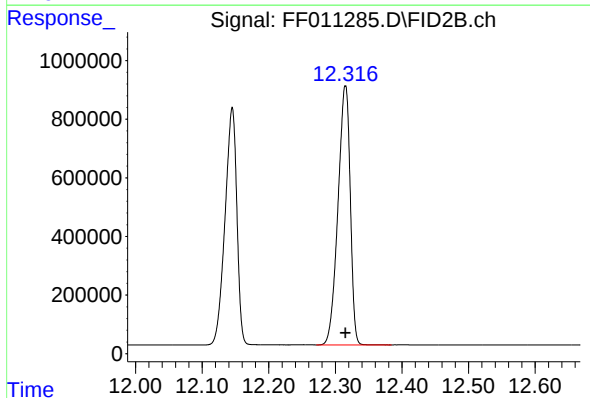
R.T.: 10.705 min
Delta R.T.: 0.000 min
Response: 12662293
Conc: 97.92 ug/ml

Instrument :
FID_F
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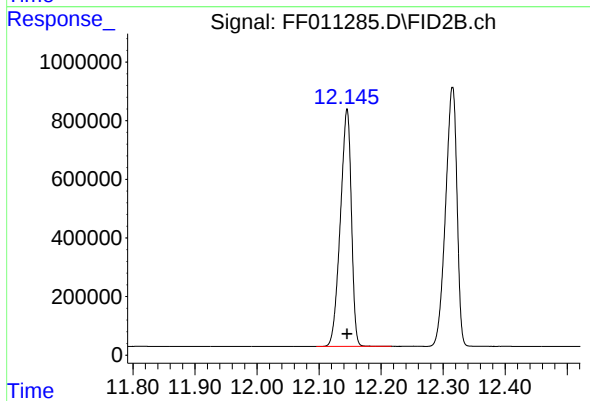
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: 0.000 min
Response: 11373544
Conc: 97.90 ug/ml



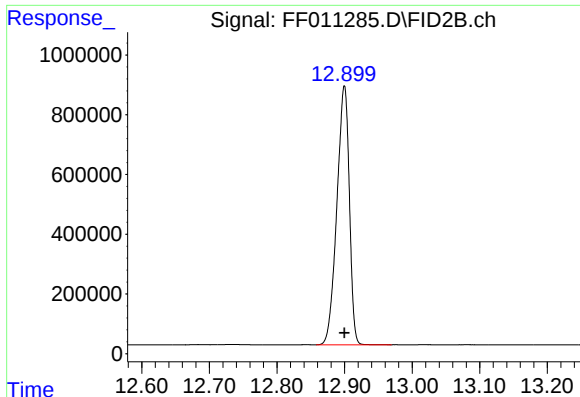
#11 n-Heneicosane (C21)

R.T.: 12.315 min
Delta R.T.: 0.000 min
Response: 11298321
Conc: 98.04 ug/ml



#12 1-chlorooctadecane (SURR)

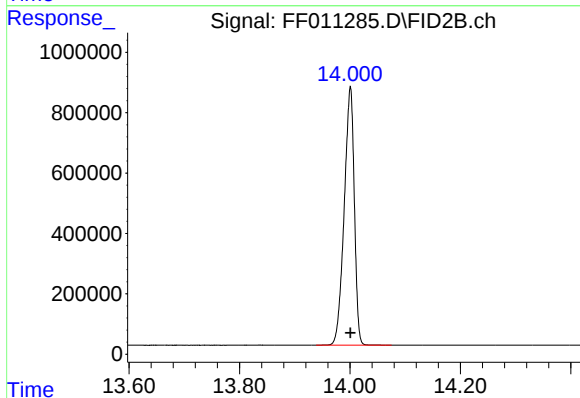
R.T.: 12.145 min
Delta R.T.: 0.000 min
Response: 9986337
Conc: 98.74 ug/ml



#13 n-Docosane (C22)

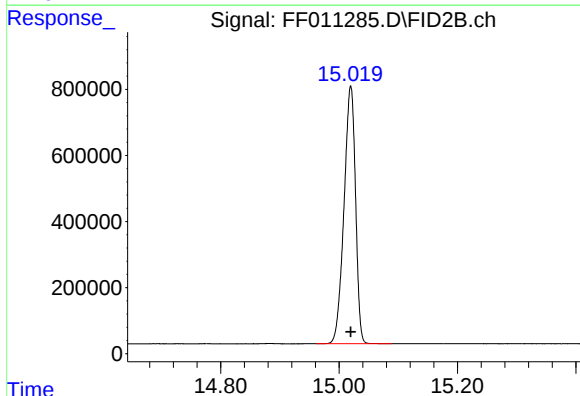
R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 11116872
Conc: 98.14 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



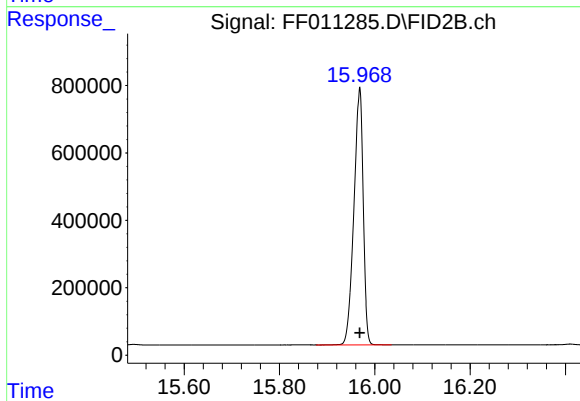
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: 0.000 min
Response: 10869112
Conc: 98.09 ug/ml



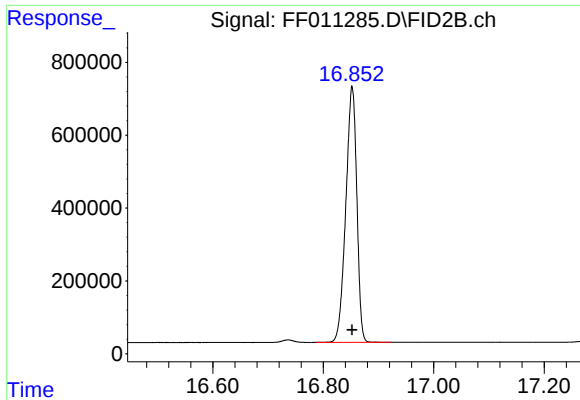
#15 n-Hexacosane (C26)

R.T.: 15.020 min
Delta R.T.: 0.000 min
Response: 10530925
Conc: 98.20 ug/ml



#16 n-Octacosane (C28)

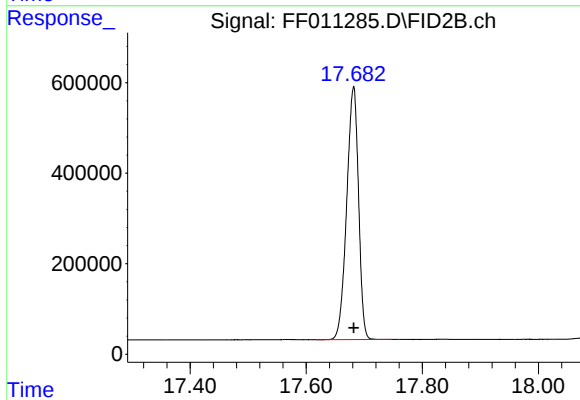
R.T.: 15.968 min
Delta R.T.: 0.000 min
Response: 10303647
Conc: 97.96 ug/ml



#17 n-Tricontane (C30)

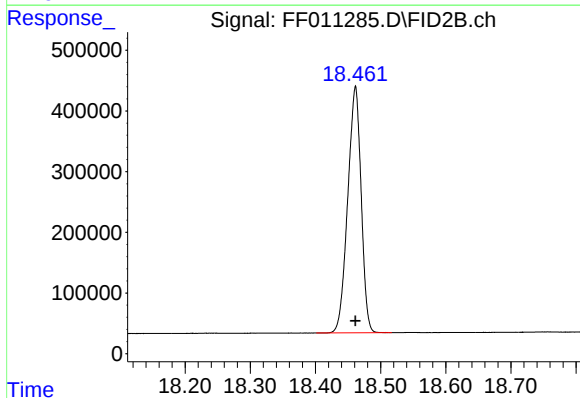
R.T.: 16.852 min
Delta R.T.: 0.000 min
Response: 9719128
Conc: 97.62 ug/ml

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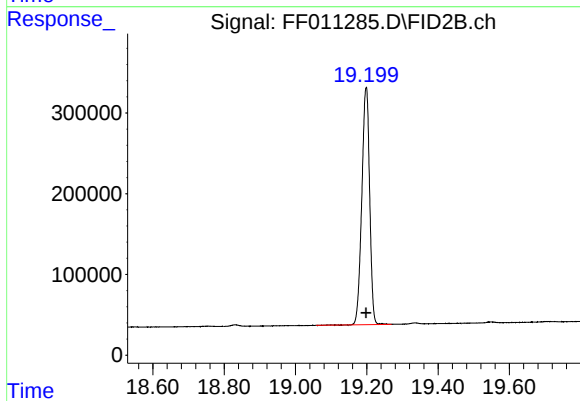
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: 0.000 min
Response: 7889213
Conc: 97.14 ug/ml



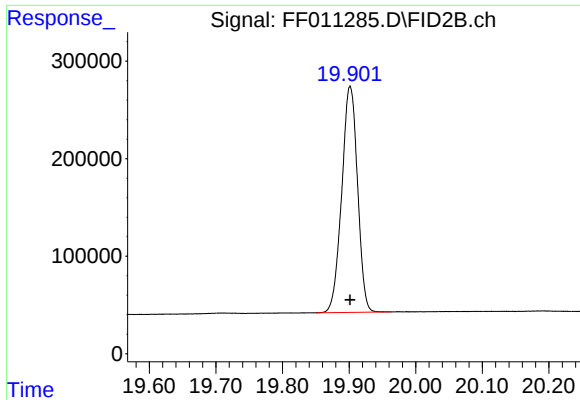
#19 n-Tetratriacontane (C34)

R.T.: 18.461 min
Delta R.T.: 0.000 min
Response: 5809409
Conc: 97.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: 0.000 min
Response: 4473196
Conc: 97.28 ug/ml



#21 n-Octatriacontane (C38)

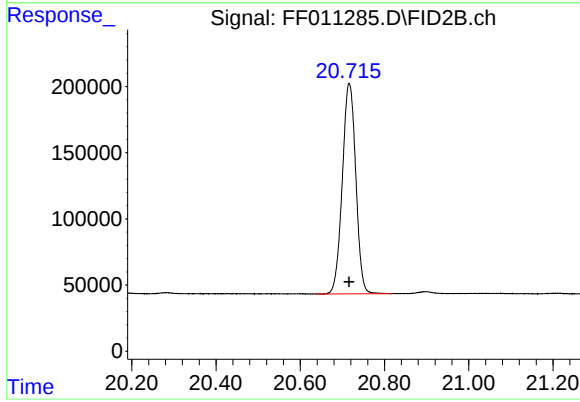
R.T.: 19.901 min
Delta R.T.: 0.000 min
Response: 3822209
Conc: 97.42 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.716 min
Delta R.T.: 0.000 min
Response: 3530604
Conc: 95.79 ug/ml