

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080524AL\
 Data File : FD048151.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 09:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 06 04:28:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 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)	11.289	3433246	17.082 ug/ml
Spiked Amount 50.000		Recovery =	34.16%
12) S 1-chlorooctadecane (S...	12.730	2592994	16.982 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
Target Compounds			
1) T n-Nonane (C9)	3.144	3098246	17.196 ug/ml
2) T n-Decane (C10)	4.191	3198524	17.261 ug/ml
3) T A~Naphthalene (C11.7)	5.741	3437297	17.176 ug/ml
4) T n-Dodecane (C12)	6.187	3233039	17.247 ug/ml
5) T A~2-methylnaphthalene...	6.788	3262309	17.080 ug/ml
6) T n-Tetradecane (C14)	7.969	3200625	17.182 ug/ml
7) T n-Hexadecane (C16)	9.559	3272399	17.232 ug/ml
8) T n-Octadecane (C18)	10.992	3314292	17.270 ug/ml
10) T n-Eicosane (C20)	12.293	3224896	17.545 ug/ml
11) T n-Heneicosane (C21)	12.901	3107202	17.203 ug/ml
13) T n-Docosane (C22)	13.485	3270479	18.316 ug/ml
14) T n-Tetracosane (C24)	14.582	3536559	20.038 ug/ml
15) T n-Hexacosane (C26)	15.597	3680668	21.571 ug/ml
16) T n-Octacosane (C28)	16.542	3801670	23.061 ug/ml
17) T n-Tricontane (C30)	17.424	3965669	24.007 ug/ml
18) T n-Dotriacontane (C32)	18.252	3699014	23.331 ug/ml
19) T n-Tetratriacontane (C34)	19.031	3157836	20.955 ug/ml
20) T n-Hexatriacontane (C36)	19.766	2723409	19.177 ug/ml
21) T n-Octatriacontane (C38)	20.464	2501628	18.078 ug/ml
22) T n-Tetracontane (C40)	21.252	2348865	17.720 ug/ml

(f)=RT Delta > 1/2 Window

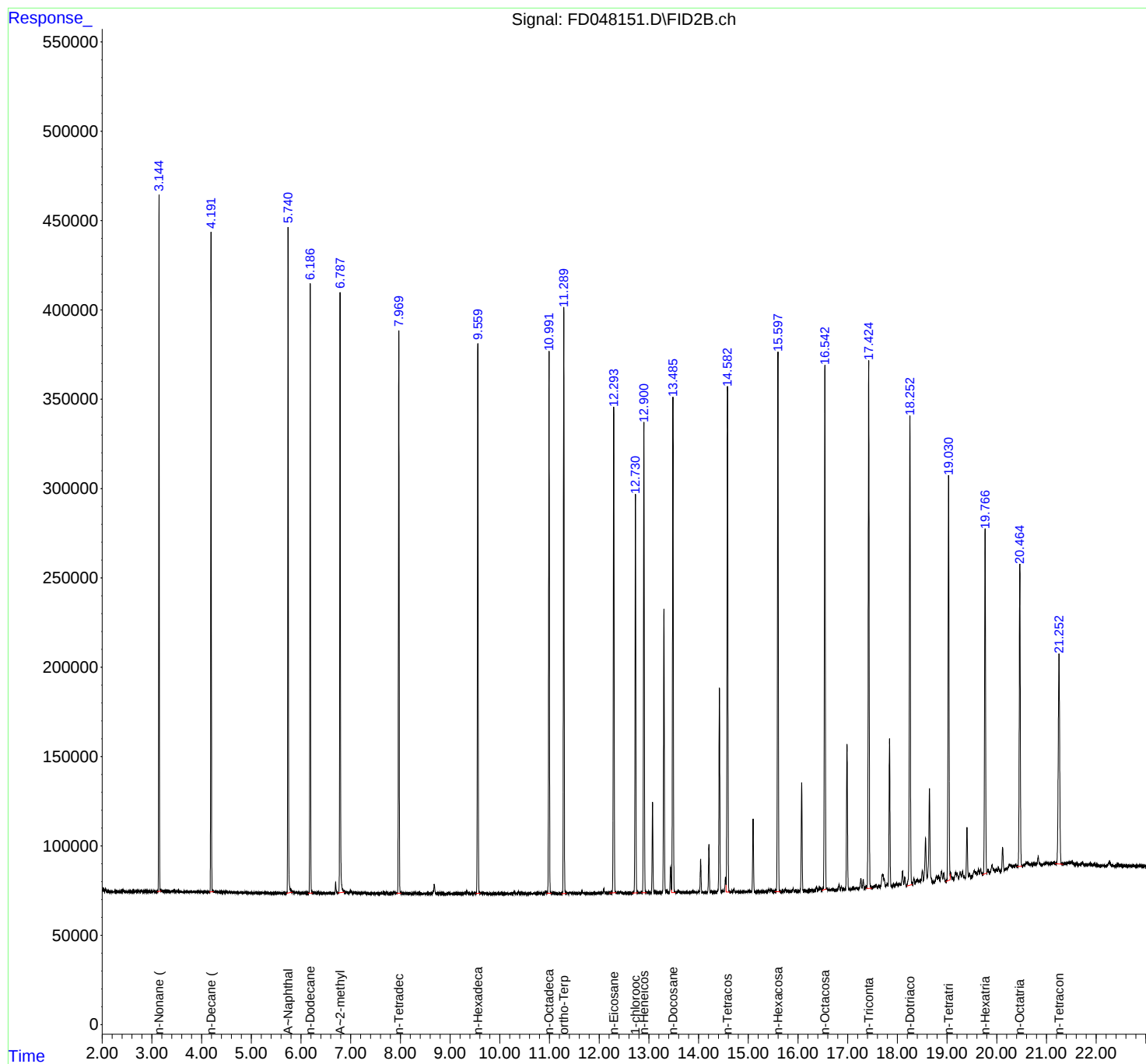
(m)=manual int.

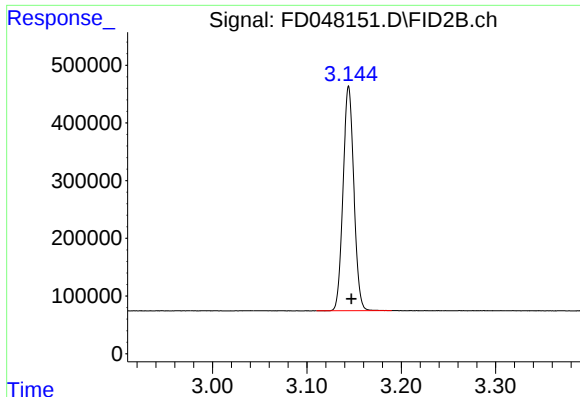
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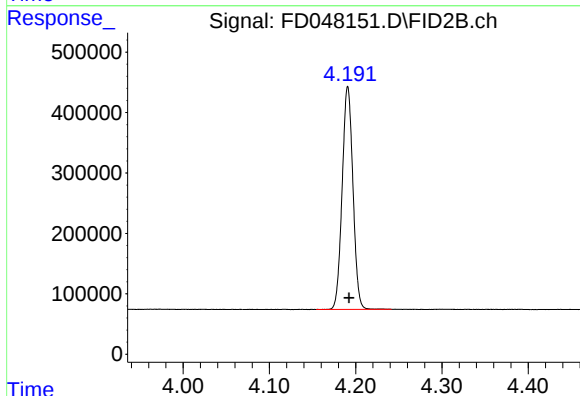




#1 n-Nonane (C9)

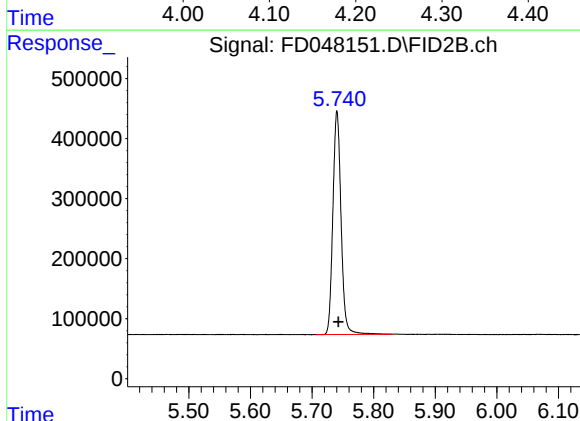
R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 3098246
Conc: 17.20 ug/ml

Instrument :
FID_D
ClientSampleId :



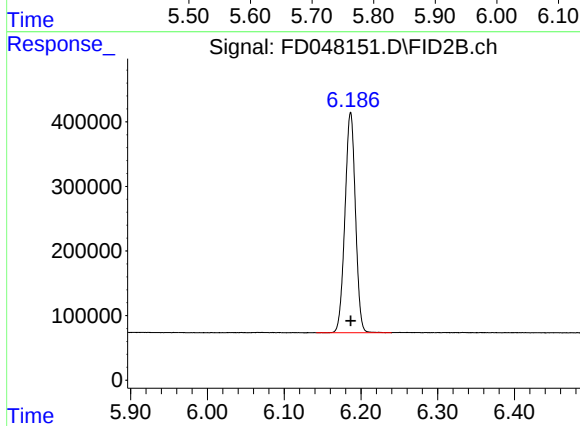
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 3198524
Conc: 17.26 ug/ml



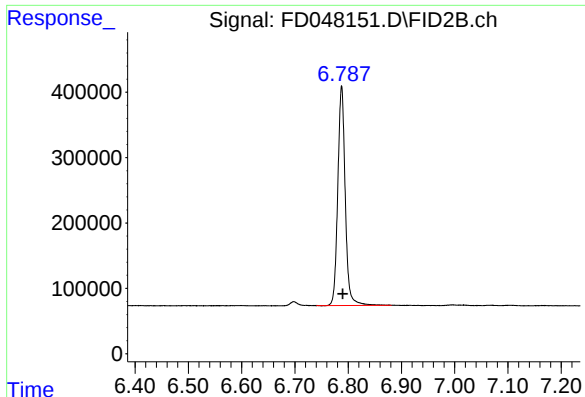
#3 A~Naphthalene (C11.7)

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 3437297
Conc: 17.18 ug/ml



#4 n-Dodecane (C12)

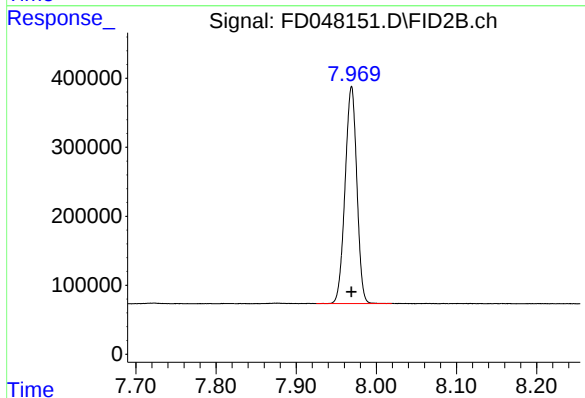
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 3233039
Conc: 17.25 ug/ml



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

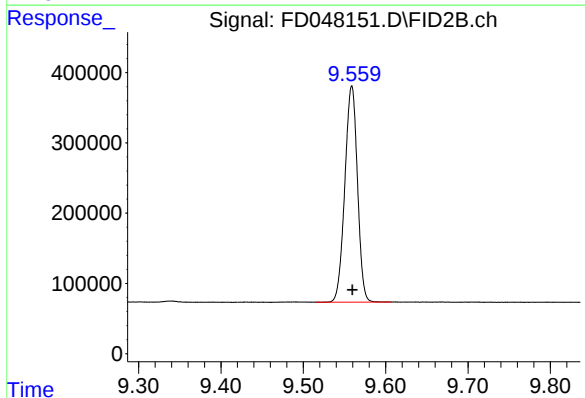
R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 3262309
Conc: 17.08 ug/ml

Instrument :
FID_D
ClientSampleId :



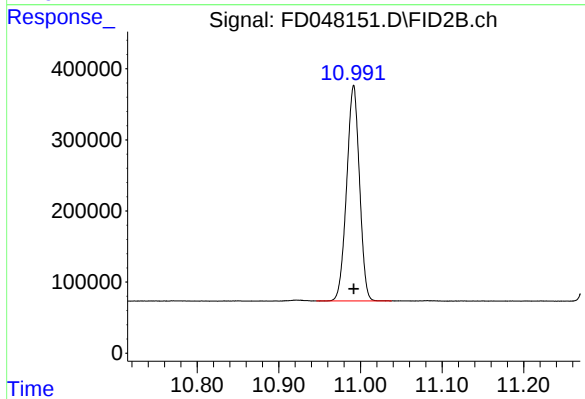
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 3200625
Conc: 17.18 ug/ml



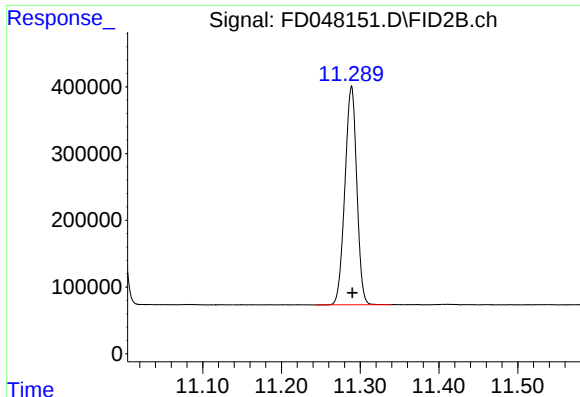
#7 n-Hexadecane (C16)

R.T.: 9.559 min
Delta R.T.: 0.000 min
Response: 3272399
Conc: 17.23 ug/ml



#8 n-Octadecane (C18)

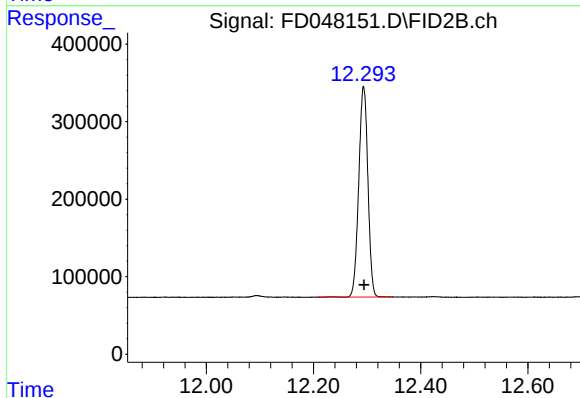
R.T.: 10.992 min
Delta R.T.: 0.000 min
Response: 3314292
Conc: 17.27 ug/ml



#9 ortho-Terphenyl (SURR)

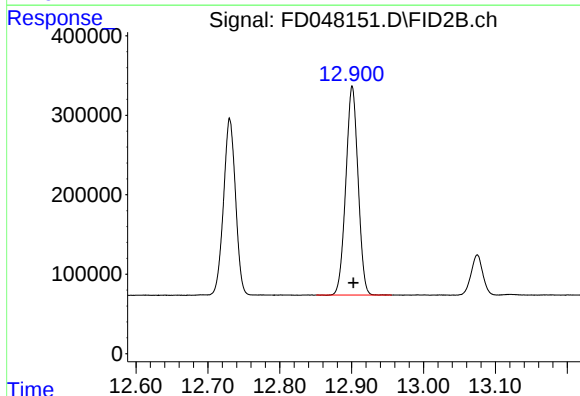
R.T.: 11.289 min
Delta R.T.: -0.001 min
Response: 3433246
Conc: 17.08 ug/ml

Instrument :
FID_D
ClientSampleId :



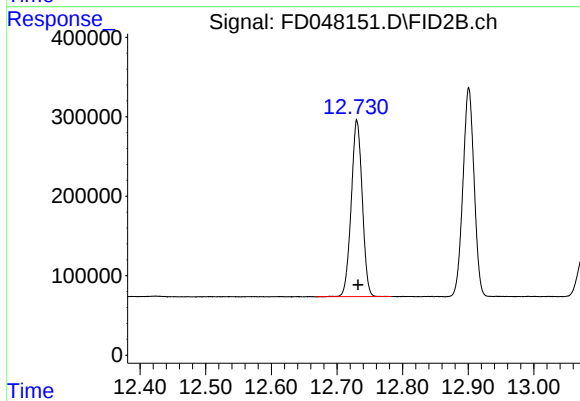
#10 n-Eicosane (C20)

R.T.: 12.293 min
Delta R.T.: 0.000 min
Response: 3224896
Conc: 17.54 ug/ml



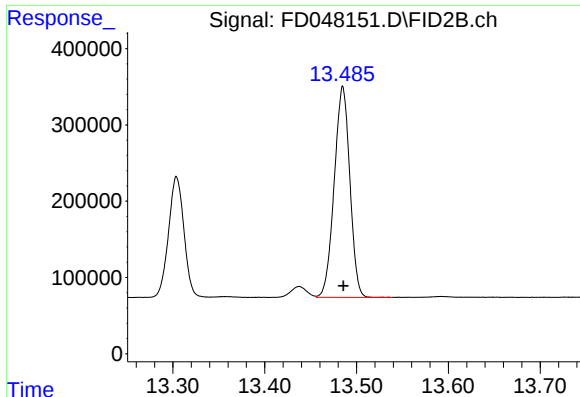
#11 n-Heneicosane (C21)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 3107202
Conc: 17.20 ug/ml



#12 1-chlorooctadecane (SURR)

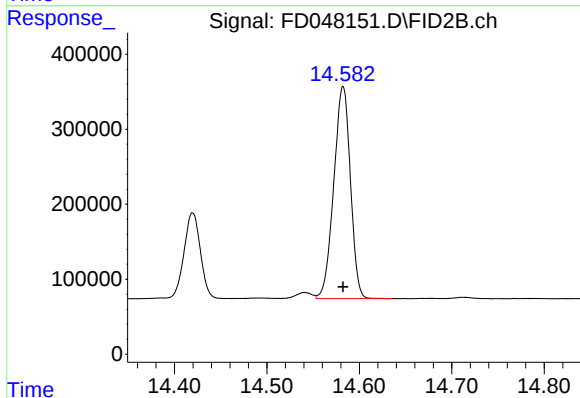
R.T.: 12.730 min
Delta R.T.: -0.002 min
Response: 2592994
Conc: 16.98 ug/ml



#13 n-Docosane (C22)

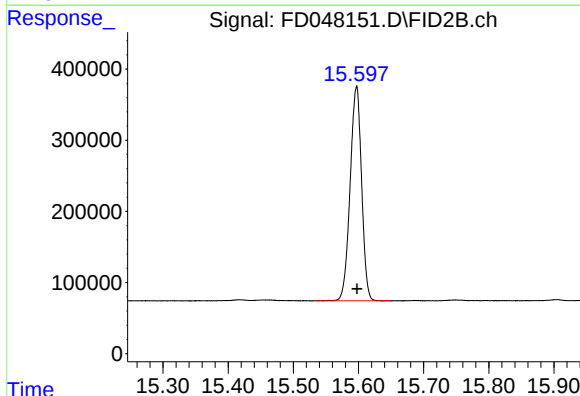
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3270479
Conc: 18.32 ug/ml

Instrument :
FID_D
ClientSampleId :



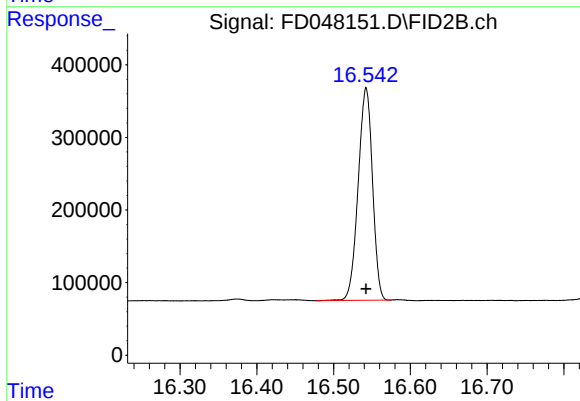
#14 n-Tetracosane (C24)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 3536559
Conc: 20.04 ug/ml



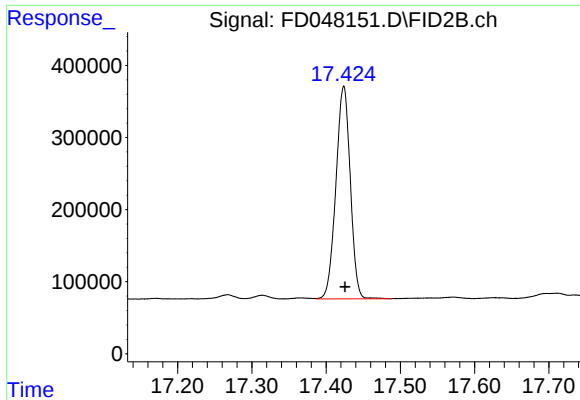
#15 n-Hexacosane (C26)

R.T.: 15.597 min
Delta R.T.: 0.000 min
Response: 3680668
Conc: 21.57 ug/ml



#16 n-Octacosane (C28)

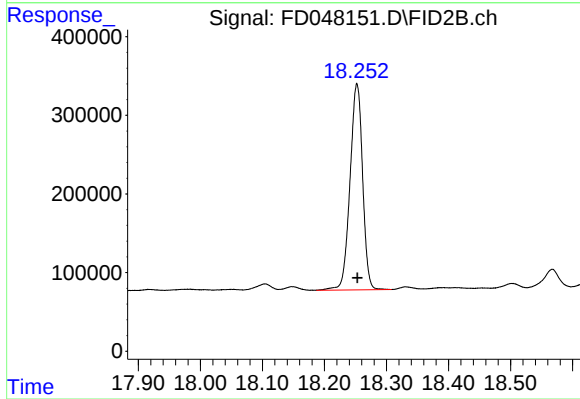
R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 3801670
Conc: 23.06 ug/ml



#17 n-Tricontane (C30)

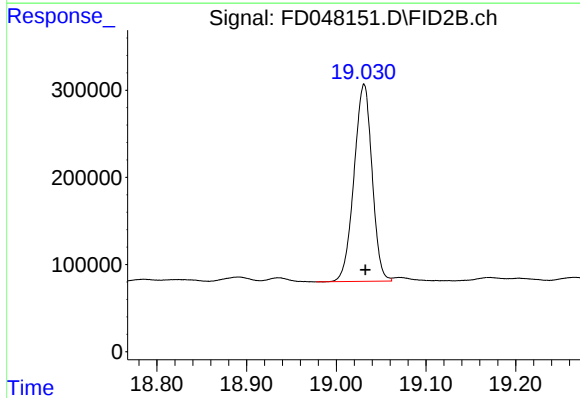
R.T.: 17.424 min
Delta R.T.: -0.002 min
Response: 3965669
Conc: 24.01 ug/ml

Instrument :
FID_D
ClientSampleId :



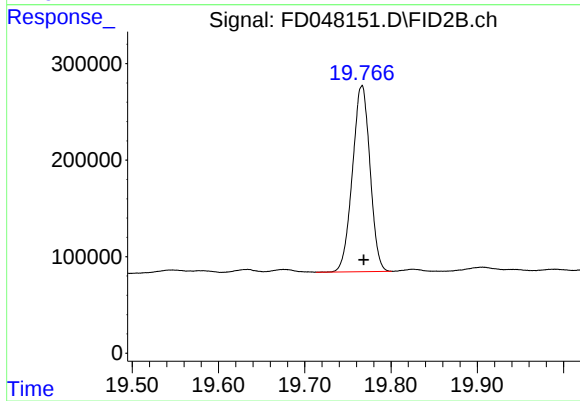
#18 n-Dotriacontane (C32)

R.T.: 18.252 min
Delta R.T.: 0.000 min
Response: 3699014
Conc: 23.33 ug/ml



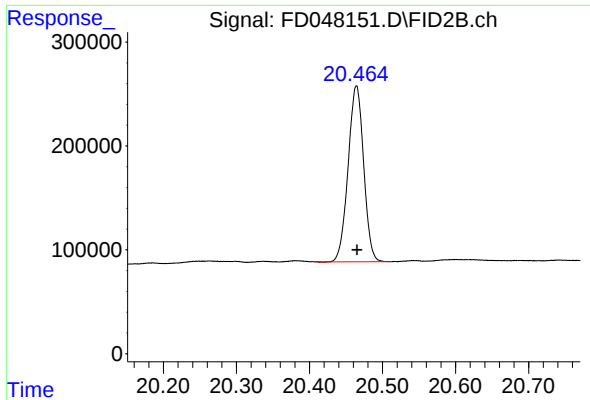
#19 n-Tetratriacontane (C34)

R.T.: 19.031 min
Delta R.T.: -0.002 min
Response: 3157836
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

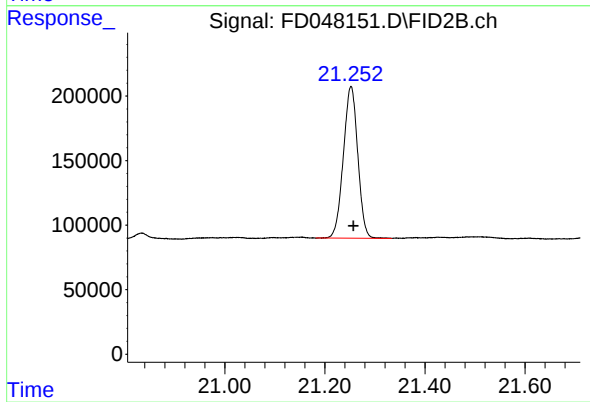
R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 2723409
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: 0.000 min
Response: 2501628
Conc: 18.08 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.005 min
Response: 2348865
Conc: 17.72 ug/ml