

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101123AL\
 Data File : FD046726.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 22:21
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 04:15:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 04:12:57 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)	11.392	19089833	94.697 ug/ml
Spiked Amount 50.000		Recovery =	189.39%
12) S 1-chlorooctadecane (S...	12.824	14426607	95.268 ug/ml
Spiked Amount 50.000		Recovery =	190.54%
Target Compounds			
1) T n-Nonane (C9)	3.219	14508044	94.472 ug/ml
2) T n-Decane (C10)	4.273	14694535	94.520 ug/ml
3) T A~Naphthalene (C11.7)	5.833	16376159	94.528 ug/ml
4) T n-Dodecane (C12)	6.275	14882112	94.584 ug/ml
5) T A~2-methylnaphthalene...	6.883	16156446	94.631 ug/ml
6) T n-Tetradecane (C14)	8.059	14865283	94.762 ug/ml
7) T n-Hexadecane (C16)	9.651	15380203	94.918 ug/ml
8) T n-Octadecane (C18)	11.086	15805114	94.807 ug/ml
10) T n-Eicosane (C20)	12.385	15748762	94.933 ug/ml
11) T n-Heneicosane (C21)	12.993	15708412	94.805 ug/ml
13) T n-Docosane (C22)	13.574	15689439	94.620 ug/ml
14) T n-Tetracosane (C24)	14.670	15613144	94.284 ug/ml
15) T n-Hexacosane (C26)	15.683	15164359	94.425 ug/ml
16) T n-Octacosane (C28)	16.625	14494419	93.872 ug/ml
17) T n-Tricontane (C30)	17.505	14066492	93.351 ug/ml
18) T n-Dotriacontane (C32)	18.330	13403859	93.217 ug/ml
19) T n-Tetratriacontane (C34)	19.107	12665633	93.550 ug/ml
20) T n-Hexatriacontane (C36)	19.840	12194695	93.797 ug/ml
21) T n-Octatriacontane (C38)	20.539	11753238	94.193 ug/ml
22) T n-Tetracontane (C40)	21.355	11486133	95.084 ug/ml

(f)=RT Delta > 1/2 Window

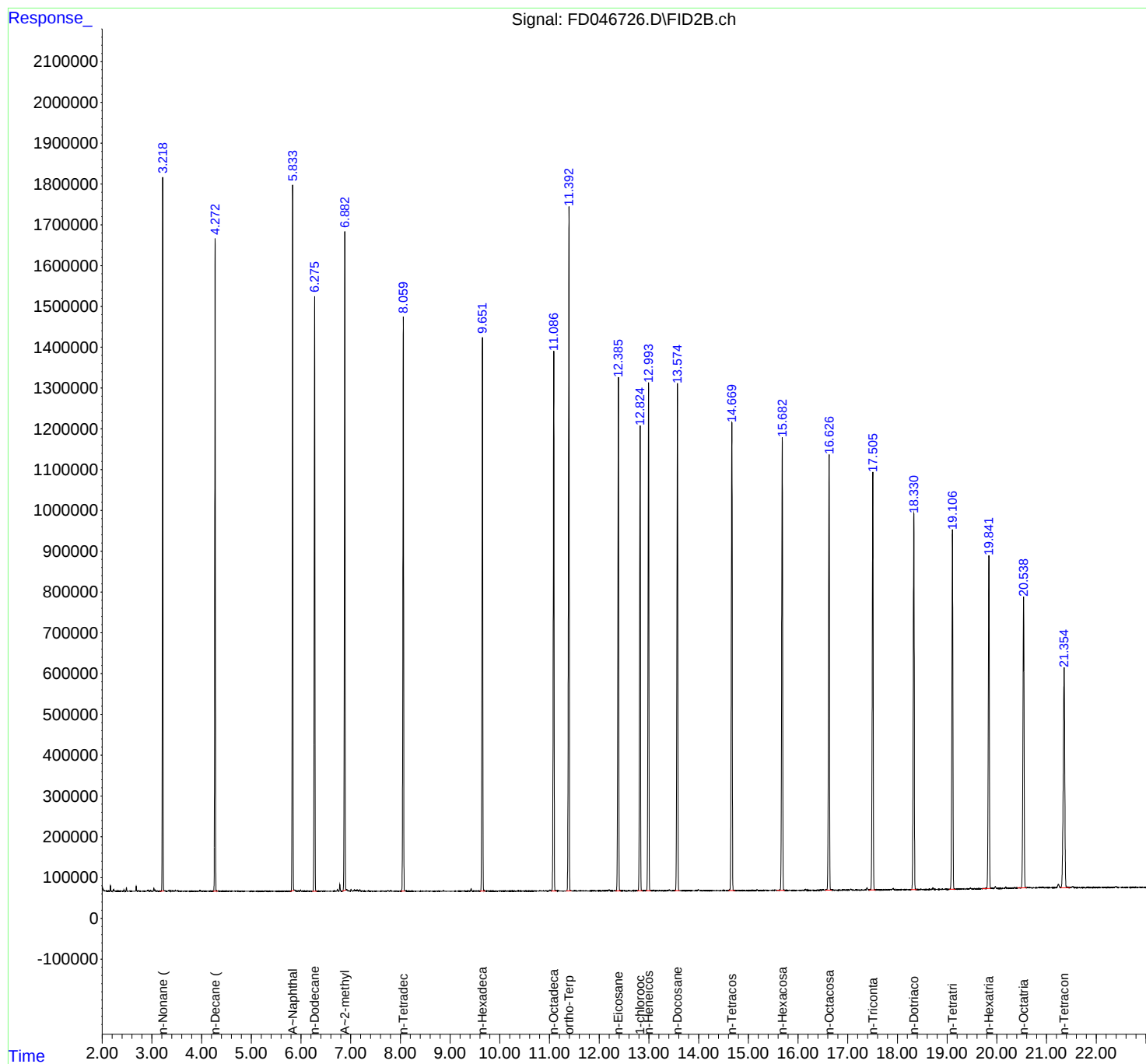
(m)=manual int.

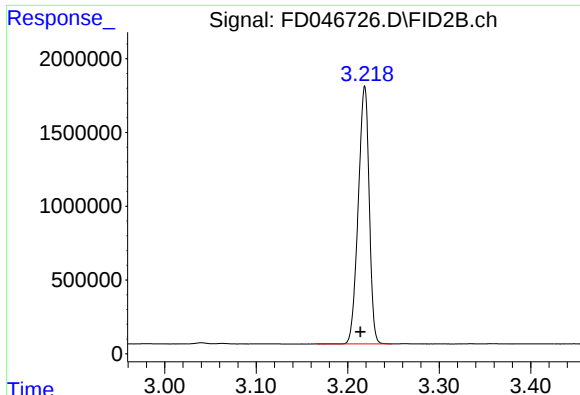
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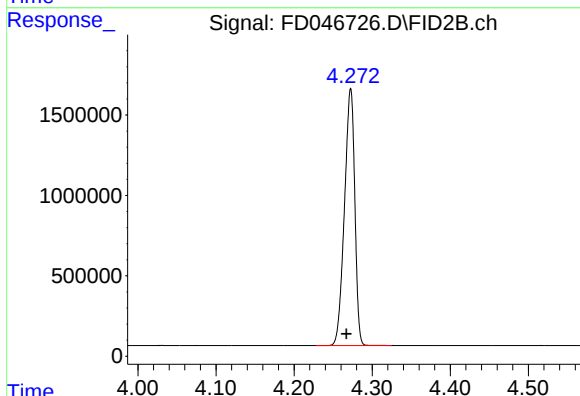




#1 n-Nonane (C9)

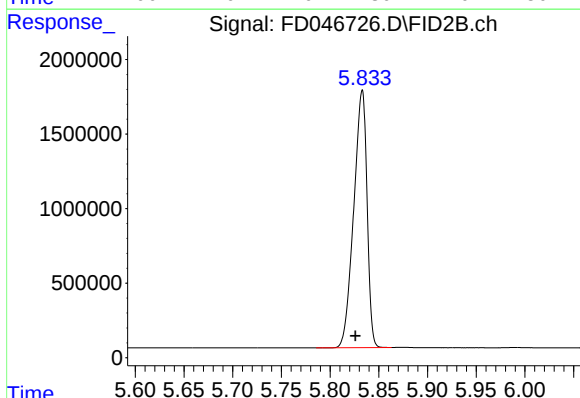
R.T.: 3.219 min
Delta R.T.: 0.005 min
Response: 14508044
Conc: 94.47 ug/ml

Instrument :
FID_D
ClientSampleId :



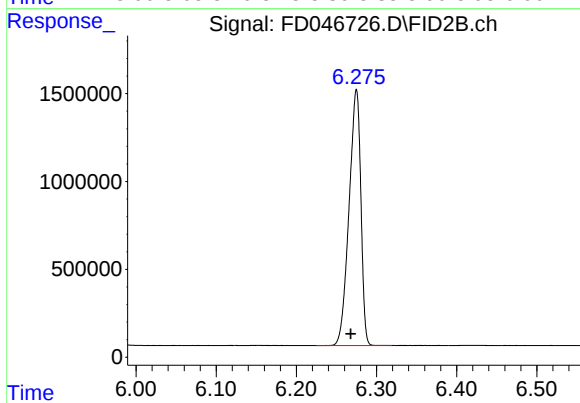
#2 n-Decane (C10)

R.T.: 4.273 min
Delta R.T.: 0.005 min
Response: 14694535
Conc: 94.52 ug/ml



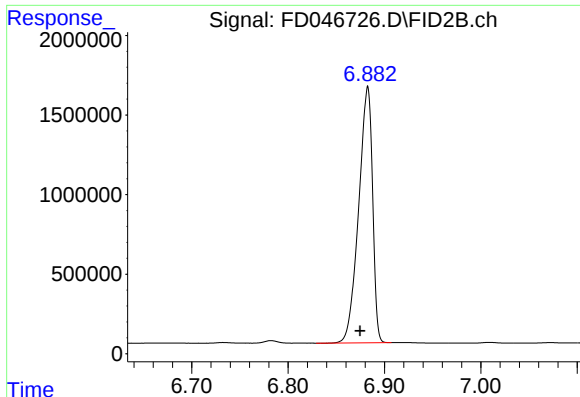
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.007 min
Response: 16376159
Conc: 94.53 ug/ml



#4 n-Dodecane (C12)

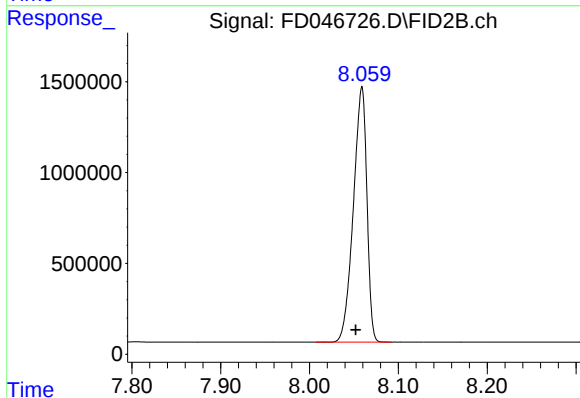
R.T.: 6.275 min
Delta R.T.: 0.007 min
Response: 14882112
Conc: 94.58 ug/ml



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

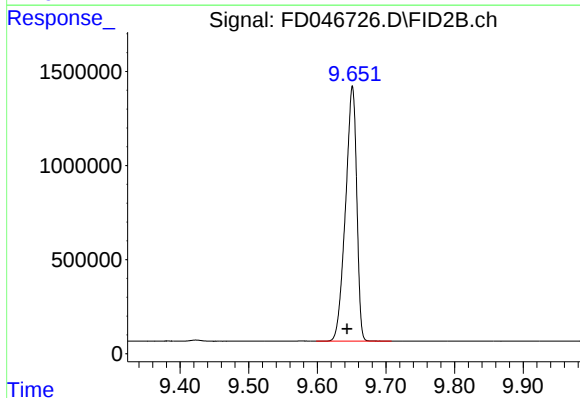
R.T.: 6.883 min
Delta R.T.: 0.008 min
Response: 16156446
Conc: 94.63 ug/ml

Instrument :
FID_D
ClientSampleId :



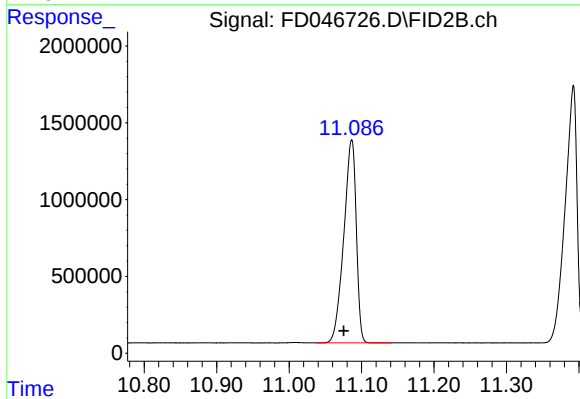
#6 n-Tetradecane (C14)

R.T.: 8.059 min
Delta R.T.: 0.007 min
Response: 14865283
Conc: 94.76 ug/ml



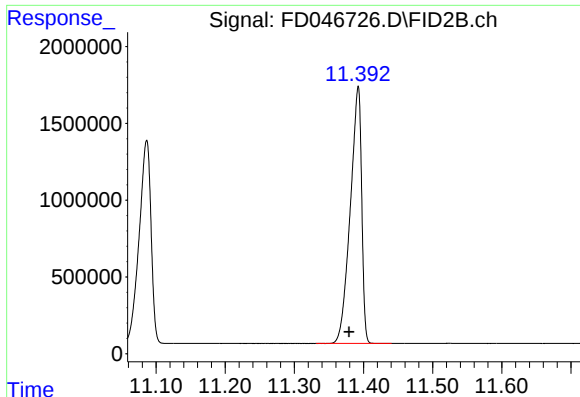
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: 0.008 min
Response: 15380203
Conc: 94.92 ug/ml



#8 n-Octadecane (C18)

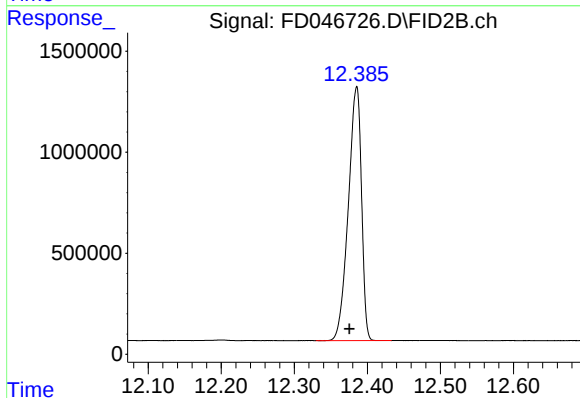
R.T.: 11.086 min
Delta R.T.: 0.011 min
Response: 15805114
Conc: 94.81 ug/ml



#9 ortho-Terphenyl (SURR)

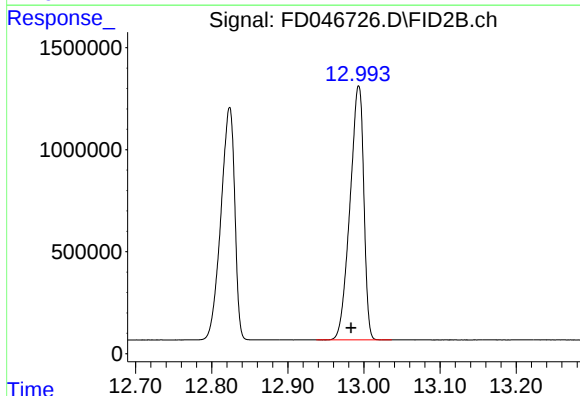
R.T.: 11.392 min
Delta R.T.: 0.013 min
Response: 19089833
Conc: 94.70 ug/ml

Instrument :
FID_D
ClientSampleId :



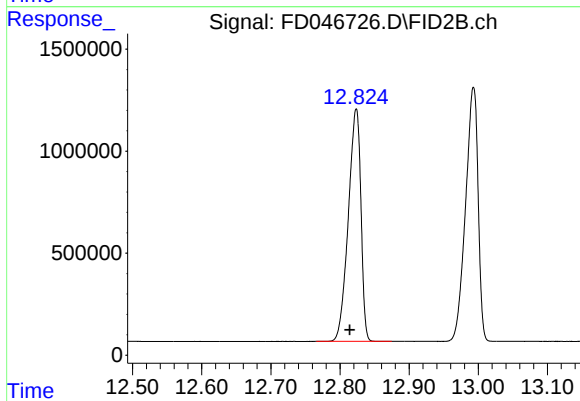
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: 0.010 min
Response: 15748762
Conc: 94.93 ug/ml



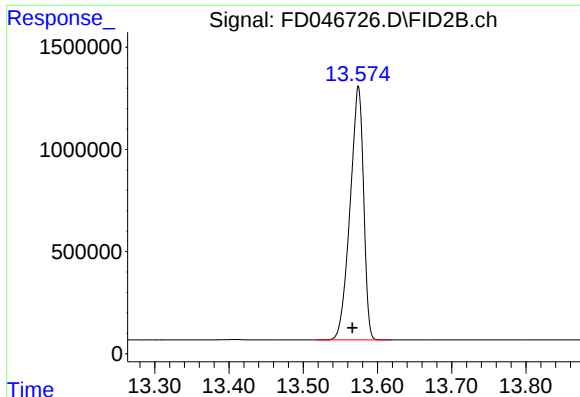
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: 0.010 min
Response: 15708412
Conc: 94.81 ug/ml



#12 1-chlorooctadecane (SURR)

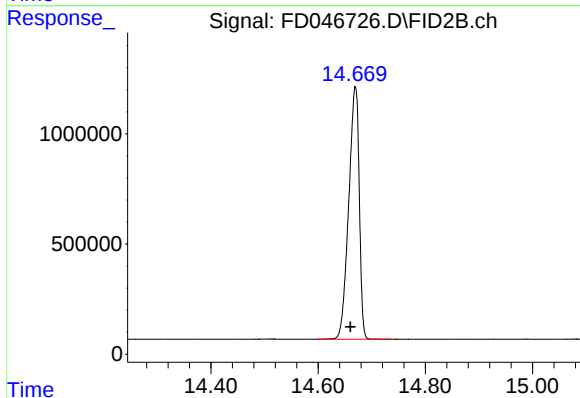
R.T.: 12.824 min
Delta R.T.: 0.009 min
Response: 14426607
Conc: 95.27 ug/ml



#13 n-Docosane (C22)

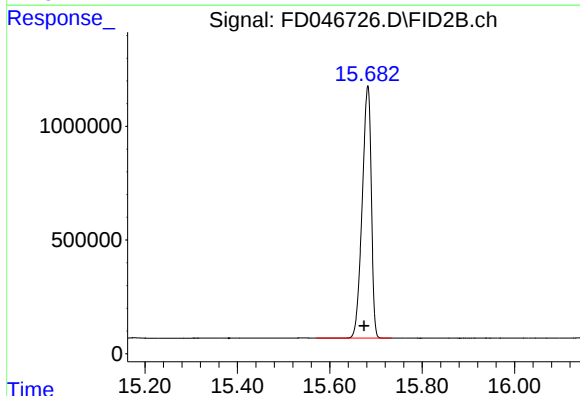
R.T.: 13.574 min
Delta R.T.: 0.008 min
Response: 15689439
Conc: 94.62 ug/ml

Instrument :
FID_D
ClientSampleId :



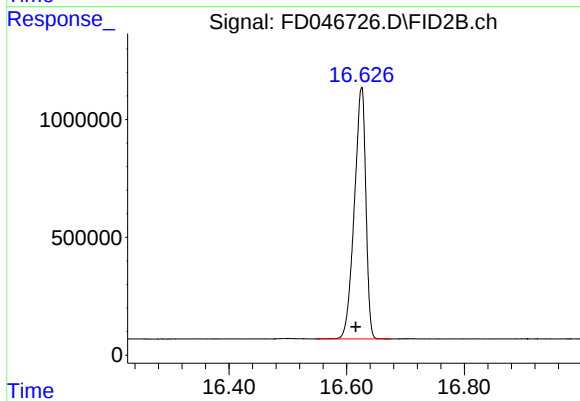
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: 0.009 min
Response: 15613144
Conc: 94.28 ug/ml



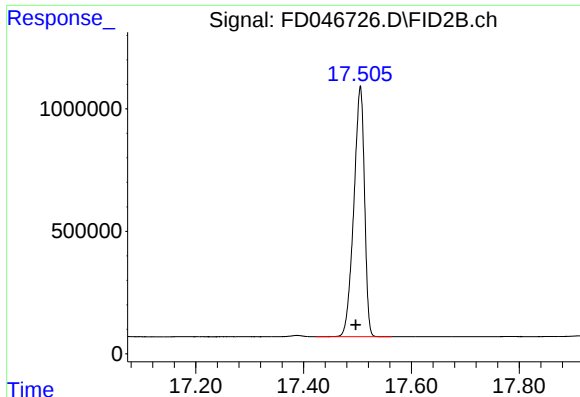
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: 0.009 min
Response: 15164359
Conc: 94.42 ug/ml



#16 n-Octacosane (C28)

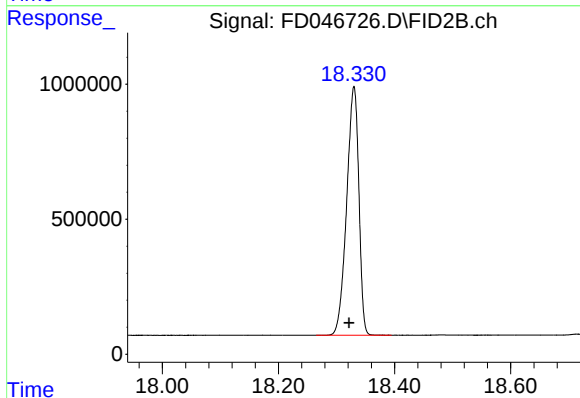
R.T.: 16.625 min
Delta R.T.: 0.010 min
Response: 14494419
Conc: 93.87 ug/ml



#17 n-Tricontane (C30)

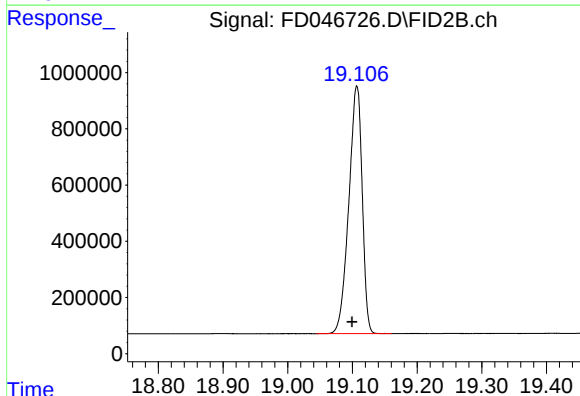
R.T.: 17.505 min
Delta R.T.: 0.008 min
Response: 14066492
Conc: 93.35 ug/ml

Instrument :
FID_D
ClientSampleId :



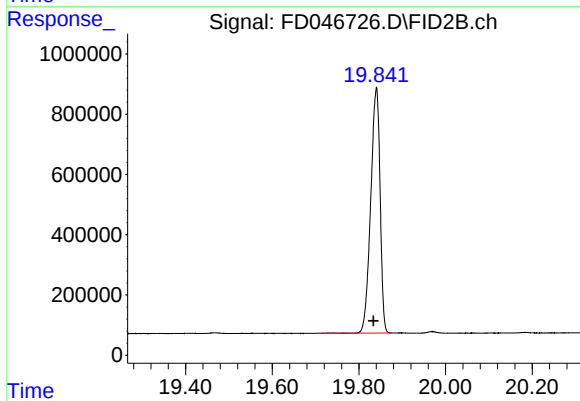
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: 0.008 min
Response: 13403859
Conc: 93.22 ug/ml



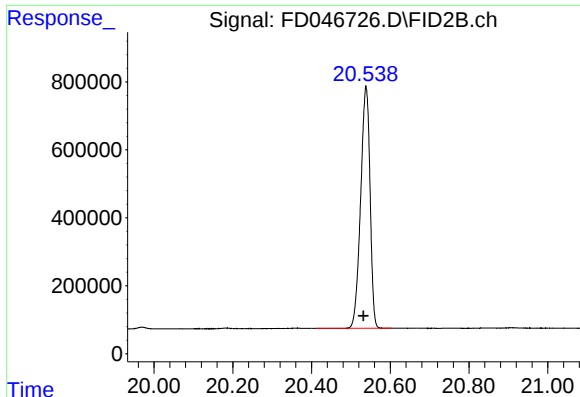
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.007 min
Response: 12665633
Conc: 93.55 ug/ml



#20 n-Hexatriacontane (C36)

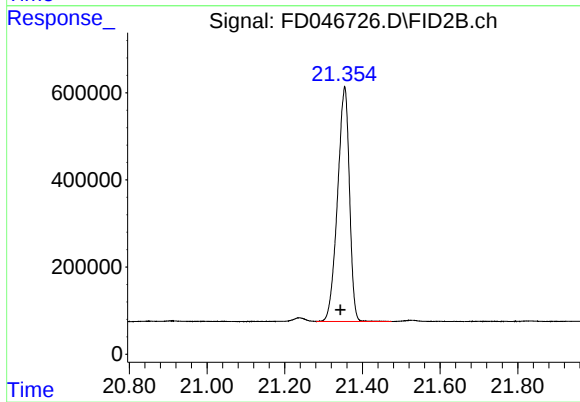
R.T.: 19.840 min
Delta R.T.: 0.007 min
Response: 12194695
Conc: 93.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.539 min
Delta R.T.: 0.007 min
Response: 11753238
Conc: 94.19 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.355 min
Delta R.T.: 0.012 min
Response: 11486133
Conc: 95.08 ug/ml