

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045404.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 01:55
 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: Apr 05 05:37:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:35:20 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)	11.454	15744475	97.212 ug/ml
Spiked Amount 50.000		Recovery =	194.42%
12) S 1-chlorooctadecane (S...	12.885	11711158	99.222 ug/ml
Spiked Amount 50.000		Recovery =	198.44%
Target Compounds			
1) T n-Nonane (C9)	3.267	13953753	96.003 ug/ml
2) T n-Decane (C10)	4.326	13861299	96.044 ug/ml
3) T A~Naphthalene (C11.7)	5.893	16034395	96.346 ug/ml
4) T n-Dodecane (C12)	6.331	14067540	96.252 ug/ml
5) T A~2-methylnaphthalene...	6.944	15109933	96.797 ug/ml
6) T n-Tetradecane (C14)	8.117	14186298	96.469 ug/ml
7) T n-Hexadecane (C16)	9.710	14511504	96.738 ug/ml
8) T n-Octadecane (C18)	11.145	14600708	96.754 ug/ml
10) T n-Eicosane (C20)	12.446	14015594	97.331 ug/ml
11) T n-Heneicosane (C21)	13.054	13904321	97.334 ug/ml
13) T n-Docosane (C22)	13.636	13713688	97.668 ug/ml
14) T n-Tetracosane (C24)	14.732	13342023	98.311 ug/ml
15) T n-Hexacosane (C26)	15.745	12920037	98.894 ug/ml
16) T n-Octacosane (C28)	16.689	12597724	99.061 ug/ml
17) T n-Tricontane (C30)	17.569	12193654	97.847 ug/ml
18) T n-Dotriacontane (C32)	18.394	12033657	97.125 ug/ml
19) T n-Tetratriacontane (C34)	19.172	11703315	97.208 ug/ml
20) T n-Hexatriacontane (C36)	19.906	10981221	98.457 ug/ml
21) T n-Octatriacontane (C38)	20.610	10549178	99.146 ug/ml
22) T n-Tetracontane (C40)	21.446	9734256	95.479 ug/ml

(f)=RT Delta > 1/2 Window

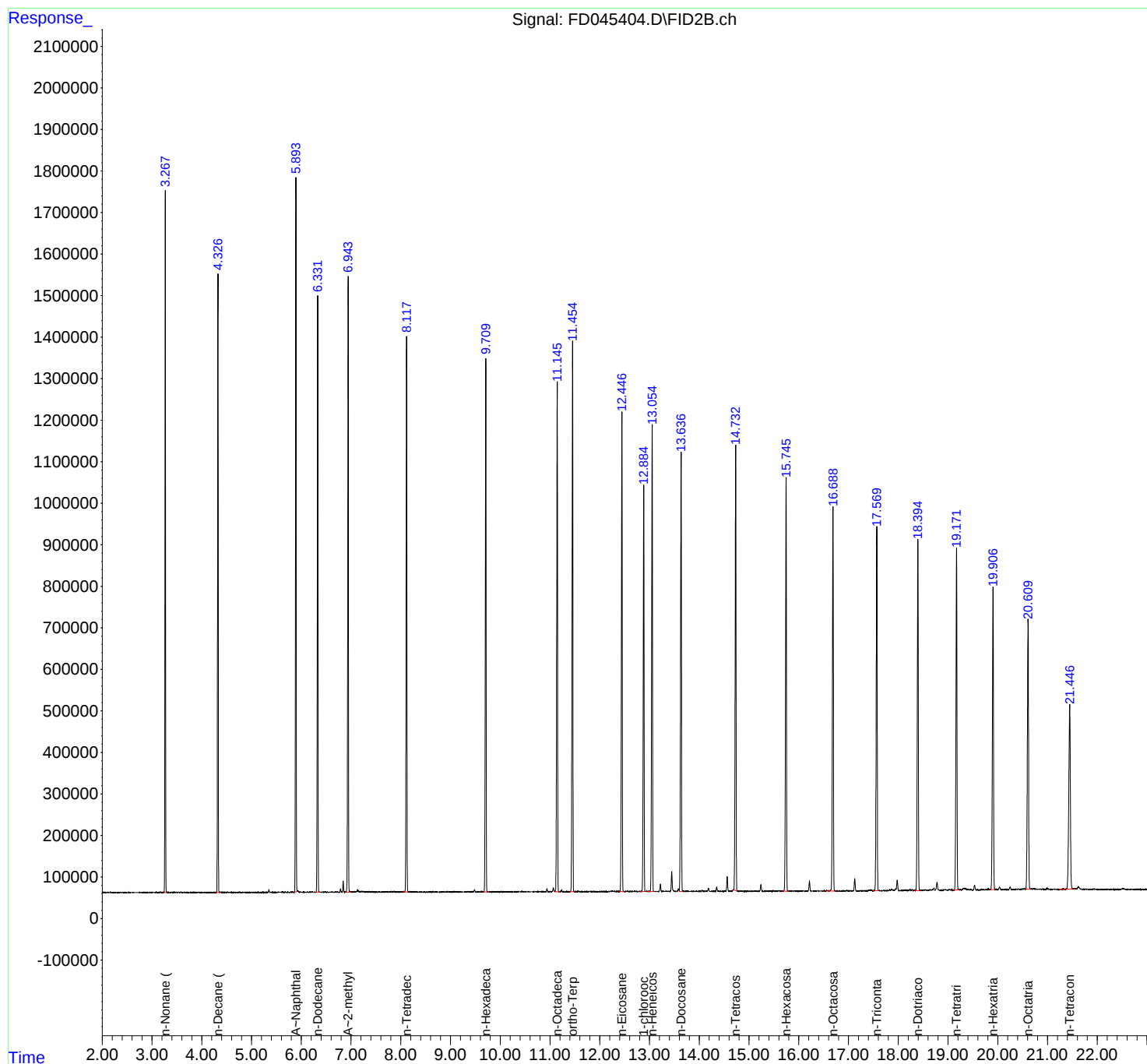
(m)=manual int.

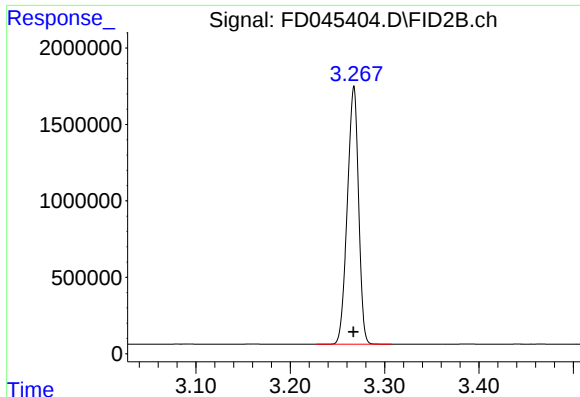
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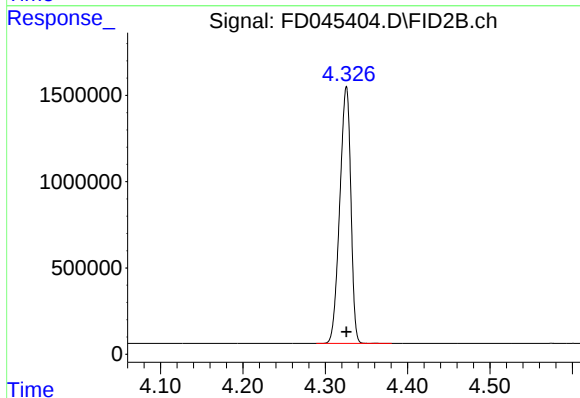




#1 n-Nonane (C9)

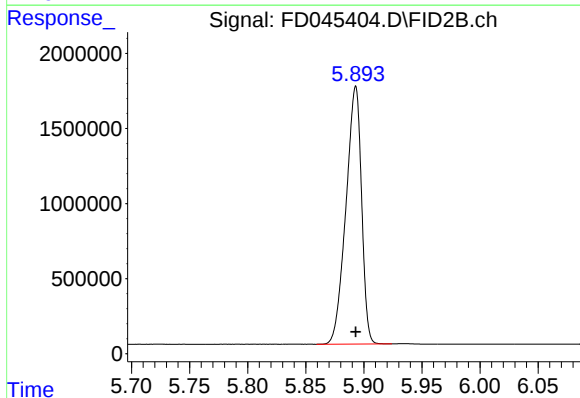
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 13953753
Conc: 96.00 ug/ml

Instrument :
FID_D
ClientSampleId :



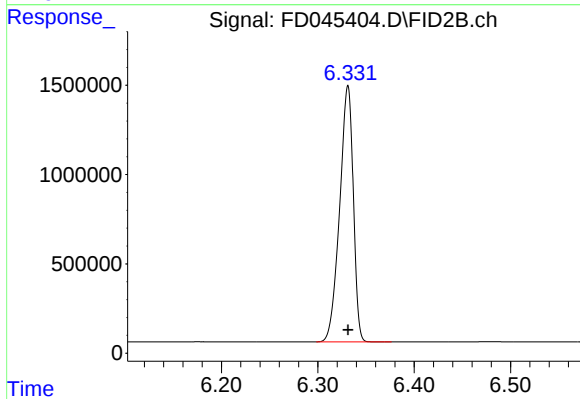
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 13861299
Conc: 96.04 ug/ml



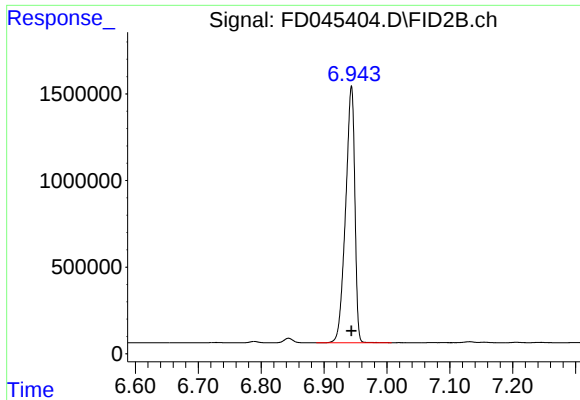
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 16034395
Conc: 96.35 ug/ml



#4 n-Dodecane (C12)

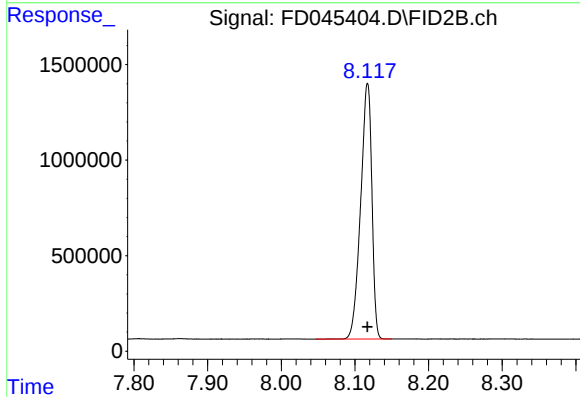
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 14067540
Conc: 96.25 ug/ml



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

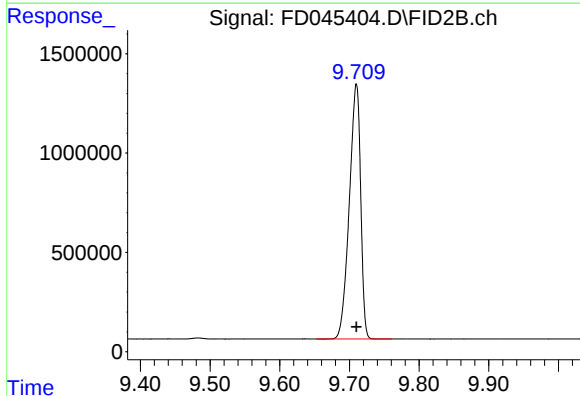
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 15109933
Conc: 96.80 ug/ml

Instrument :
FID_D
ClientSampleId :



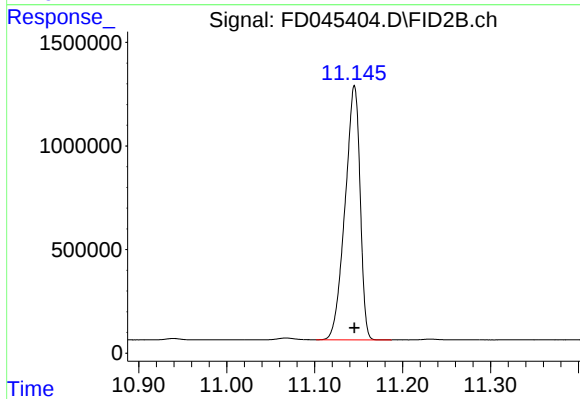
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 14186298
Conc: 96.47 ug/ml



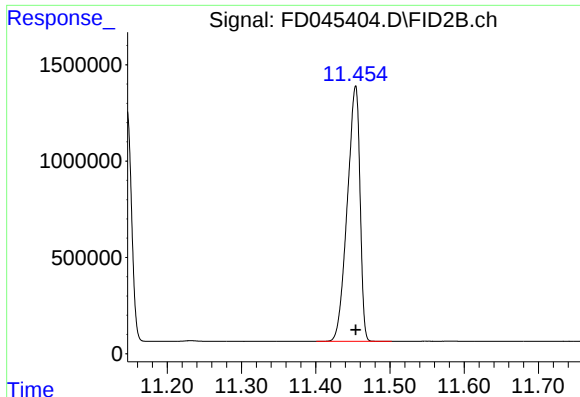
#7 n-Hexadecane (C16)

R.T.: 9.710 min
Delta R.T.: 0.000 min
Response: 14511504
Conc: 96.74 ug/ml



#8 n-Octadecane (C18)

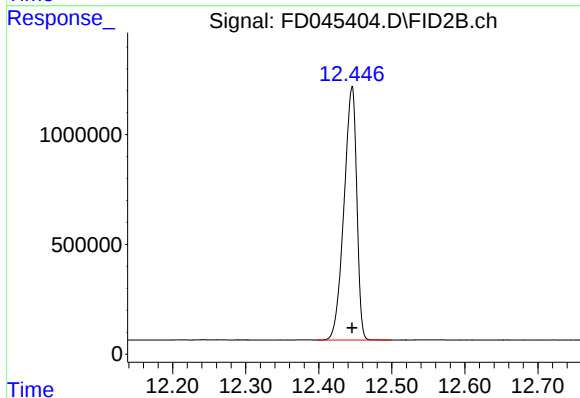
R.T.: 11.145 min
Delta R.T.: 0.000 min
Response: 14600708
Conc: 96.75 ug/ml



#9 ortho-Terphenyl (SURR)

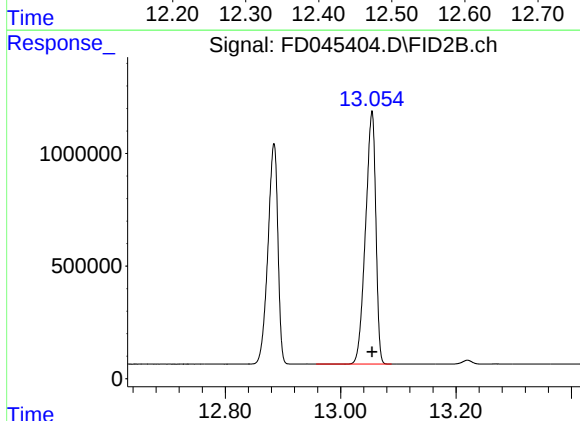
R.T.: 11.454 min
Delta R.T.: 0.000 min
Response: 15744475
Conc: 97.21 ug/ml

Instrument :
FID_D
ClientSampleId :



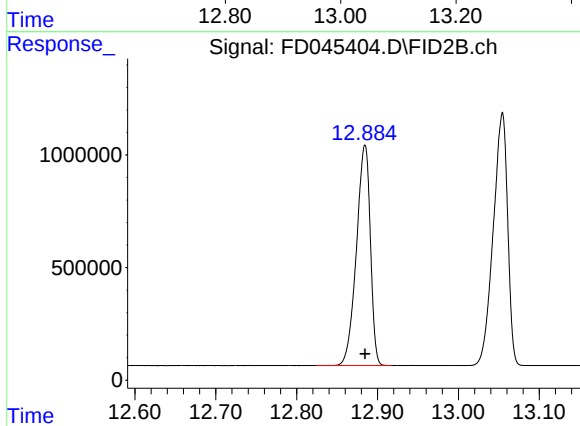
#10 n-Eicosane (C20)

R.T.: 12.446 min
Delta R.T.: 0.000 min
Response: 14015594
Conc: 97.33 ug/ml



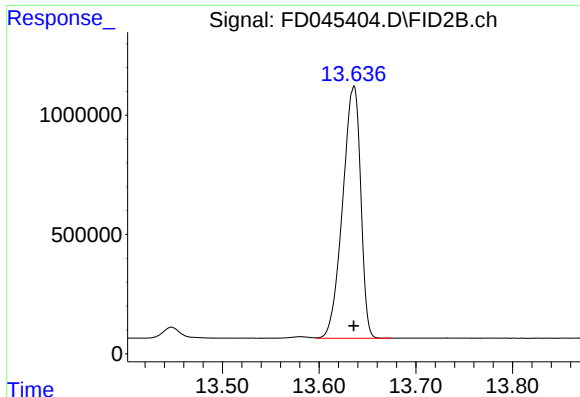
#11 n-Heneicosane (C21)

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 13904321
Conc: 97.33 ug/ml



#12 1-chlorooctadecane (SURR)

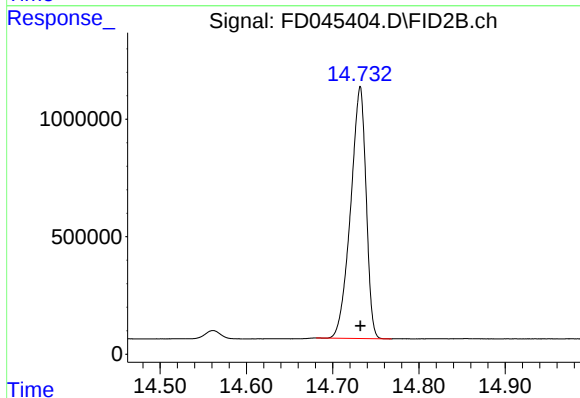
R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 11711158
Conc: 99.22 ug/ml



#13 n-Docosane (C22)

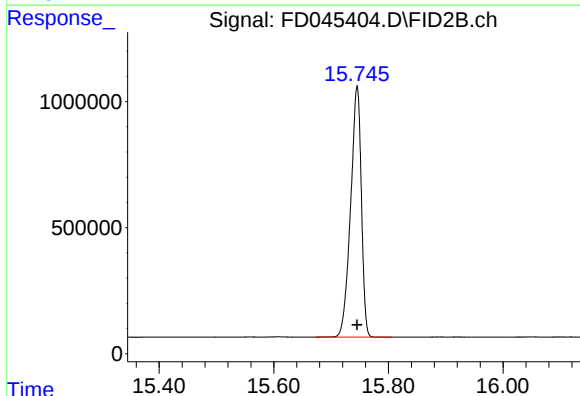
R.T.: 13.636 min
Delta R.T.: 0.000 min
Response: 13713688
Conc: 97.67 ug/ml

Instrument :
FID_D
ClientSampleId :



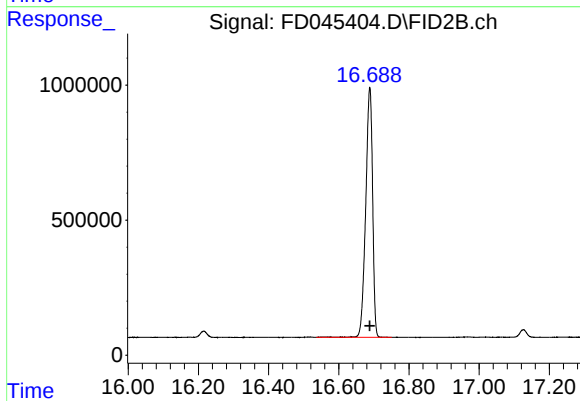
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: 0.000 min
Response: 13342023
Conc: 98.31 ug/ml



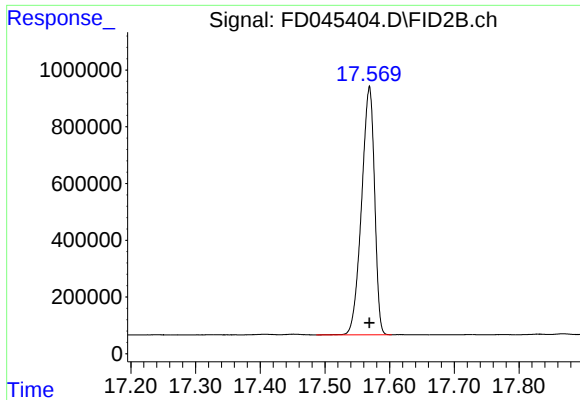
#15 n-Hexacosane (C26)

R.T.: 15.745 min
Delta R.T.: 0.000 min
Response: 12920037
Conc: 98.89 ug/ml



#16 n-Octacosane (C28)

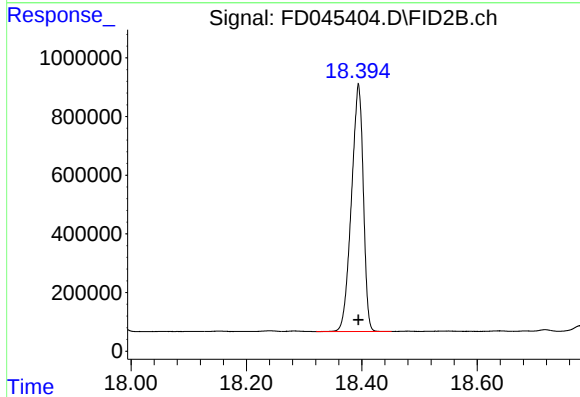
R.T.: 16.689 min
Delta R.T.: 0.000 min
Response: 12597724
Conc: 99.06 ug/ml



#17 n-Tricontane (C30)

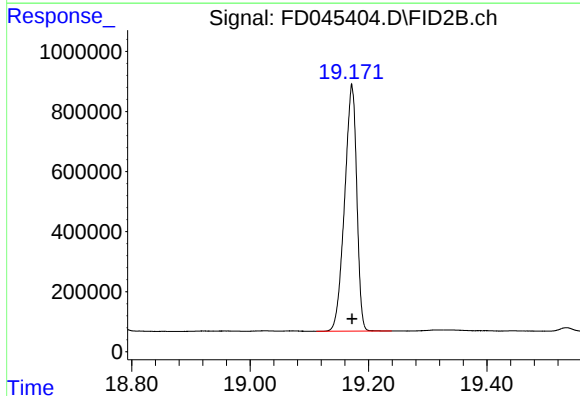
R.T.: 17.569 min
Delta R.T.: 0.000 min
Response: 12193654
Conc: 97.85 ug/ml

Instrument :
FID_D
ClientSampleId :



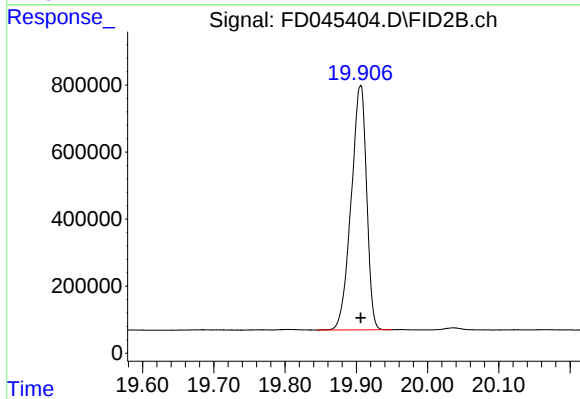
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: 0.000 min
Response: 12033657
Conc: 97.12 ug/ml



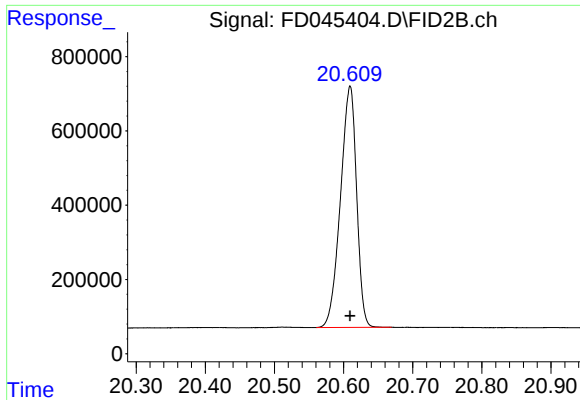
#19 n-Tetratriacontane (C34)

R.T.: 19.172 min
Delta R.T.: 0.000 min
Response: 11703315
Conc: 97.21 ug/ml



#20 n-Hexatriacontane (C36)

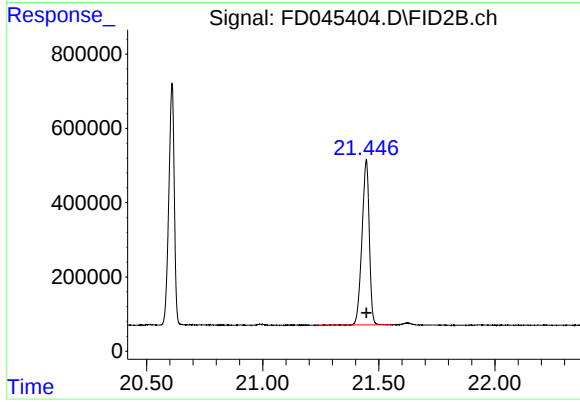
R.T.: 19.906 min
Delta R.T.: 0.000 min
Response: 10981221
Conc: 98.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 10549178
Conc: 99.15 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: 0.000 min
Response: 9734256
Conc: 95.48 ug/ml