

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AL\
 Data File : FD043890.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2022 10:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 15 13:26:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 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)	11.315	3777778	22.089 ug/ml
Spiked Amount 50.000		Recovery =	44.18%
12) S 1-chlorooctadecane (S...	12.733	2939660	22.093 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
Target Compounds			
1) T n-Nonane (C9)	3.150	3231547	22.439 ug/ml
2) T n-Decane (C10)	4.198	3270789	22.556 ug/ml
3) T A~Naphthalene (C11.7)	5.767	3368075	23.806 ug/ml
4) T n-Dodecane (C12)	6.194	3366891	22.506 ug/ml
5) T A~2-methylnaphthalene...	6.813	3338725	24.192 ug/ml
6) T n-Tetradecane (C14)	7.974	3400091	22.528 ug/ml
7) T n-Hexadecane (C16)	9.562	3447639	22.540 ug/ml
8) T n-Octadecane (C18)	10.993	3488125	22.123 ug/ml
10) T n-Eicosane (C20)	12.292	3504030	21.898 ug/ml
11) T n-Heneicosane (C21)	12.899	3498475	21.686 ug/ml
13) T n-Docosane (C22)	13.479	3476543	21.621 ug/ml
14) T n-Tetracosane (C24)	14.572	3385239	21.361 ug/ml
15) T n-Hexacosane (C26)	15.582	3254762	20.898 ug/ml
16) T n-Octacosane (C28)	16.523	3075132	20.310 ug/ml
17) T n-Tricontane (C30)	17.401	2960106	19.867 ug/ml
18) T n-Dotriacontane (C32)	18.223	2781070	19.482 ug/ml
19) T n-Tetratriacontane (C34)	18.996	2394323	18.319 ug/ml
20) T n-Hexatriacontane (C36)	19.727	2029496	16.398 ug/ml
21) T n-Octatriacontane (C38)	20.419	1874631	16.046 ug/ml
22) T n-Tetracontane (C40)	21.182	2038806	18.447 ug/ml

(f)=RT Delta > 1/2 Window

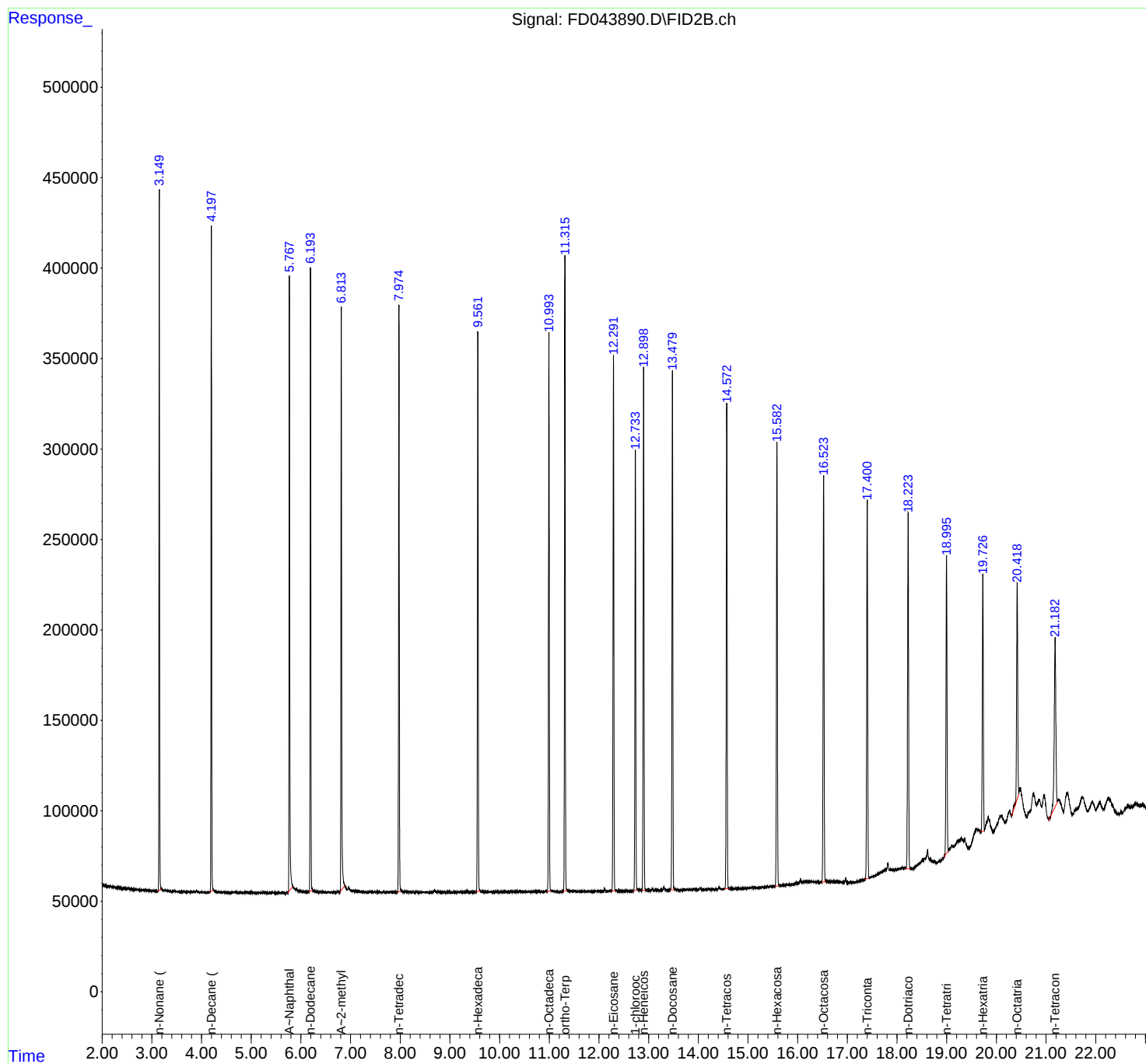
(m)=manual int.

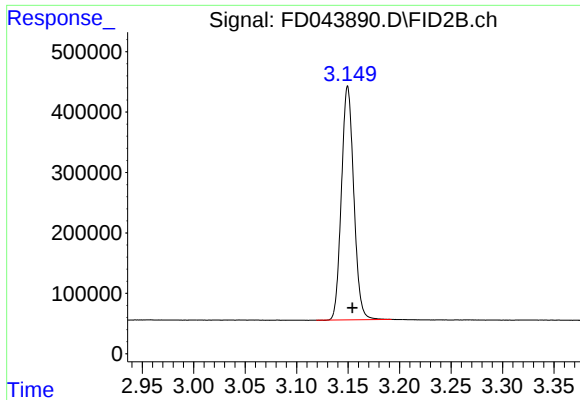
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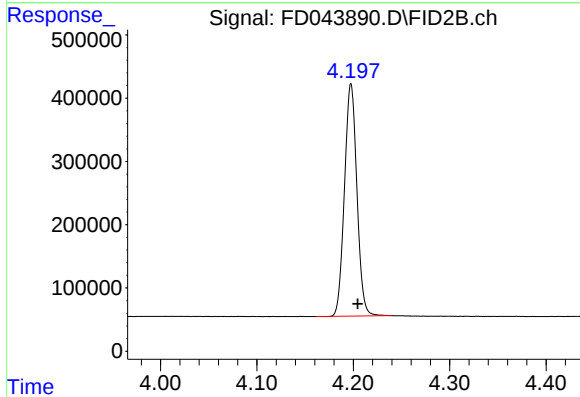




#1 n-Nonane (C9)

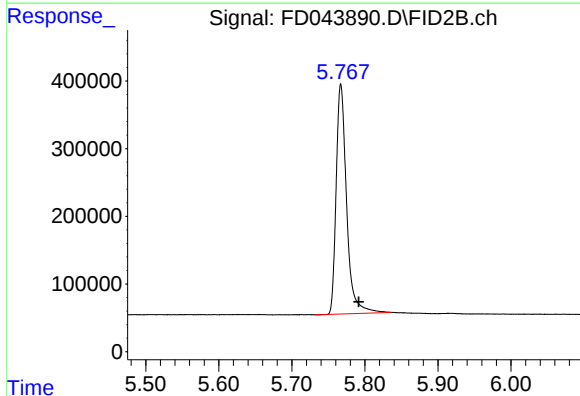
R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 3231547
Conc: 22.44 ug/ml

Instrument :
FID_D
ClientSampleId :



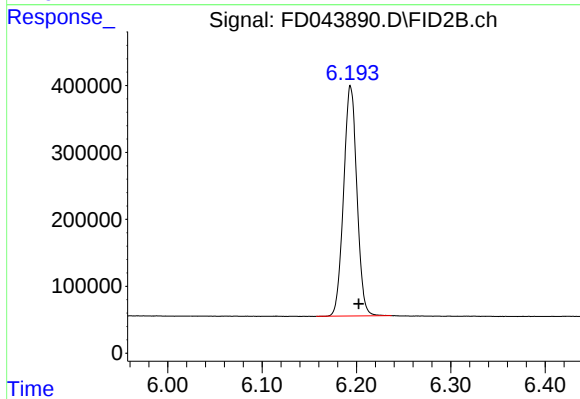
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: -0.007 min
Response: 3270789
Conc: 22.56 ug/ml



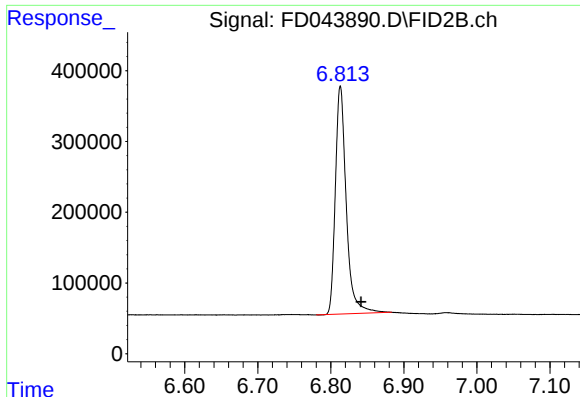
#3 A~Naphthalene (C11.7)

R.T.: 5.767 min
Delta R.T.: -0.025 min
Response: 3368075
Conc: 23.81 ug/ml



#4 n-Dodecane (C12)

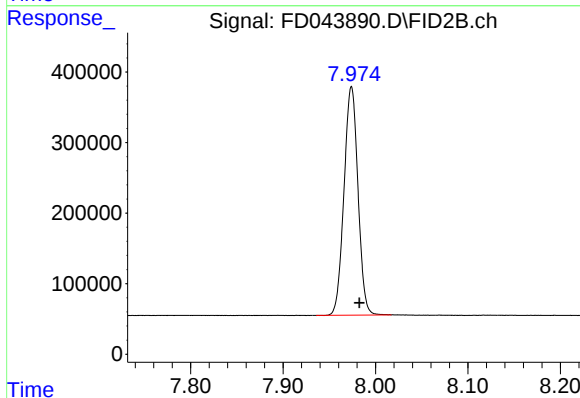
R.T.: 6.194 min
Delta R.T.: -0.009 min
Response: 3366891
Conc: 22.51 ug/ml



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

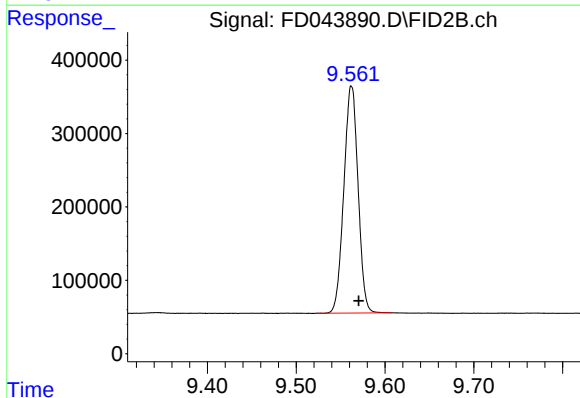
R.T.: 6.813 min
Delta R.T.: -0.028 min
Response: 3338725
Conc: 24.19 ug/ml

Instrument :
FID_D
ClientSampleId :



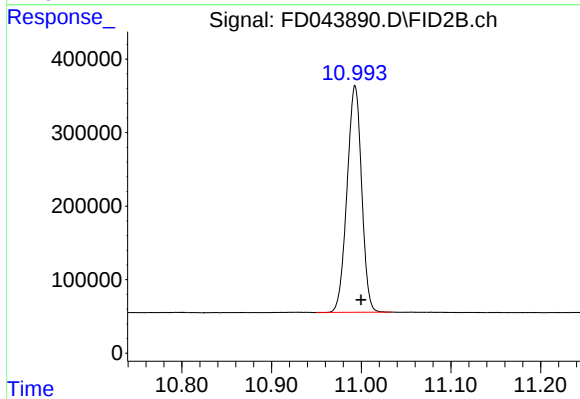
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 3400091
Conc: 22.53 ug/ml



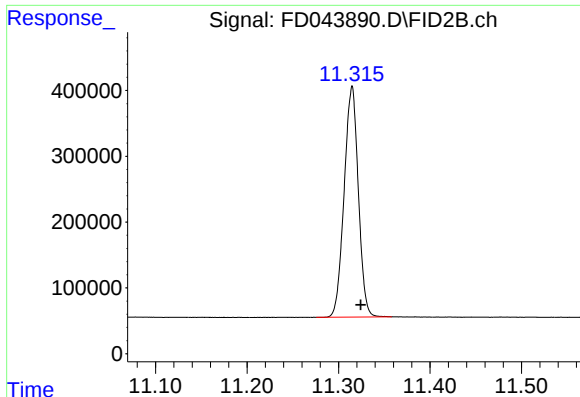
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: -0.008 min
Response: 3447639
Conc: 22.54 ug/ml



#8 n-Octadecane (C18)

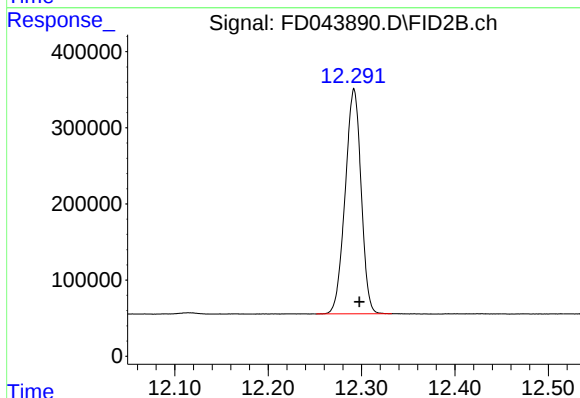
R.T.: 10.993 min
Delta R.T.: -0.006 min
Response: 3488125
Conc: 22.12 ug/ml



#9 ortho-Terphenyl (SURR)

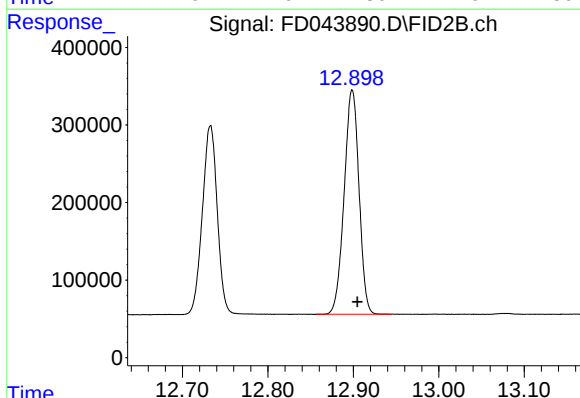
R.T.: 11.315 min
Delta R.T.: -0.009 min
Response: 3777778
Conc: 22.09 ug/ml

Instrument :
FID_D
ClientSampleId :



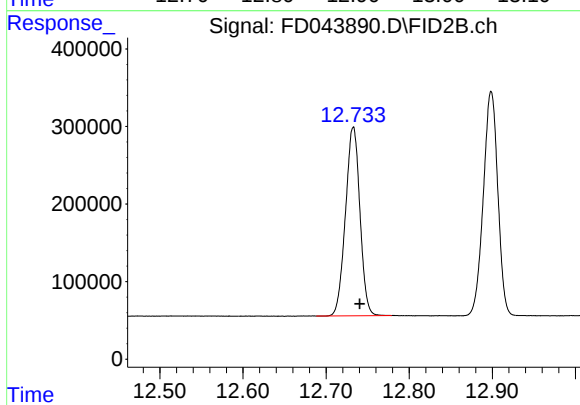
#10 n-Eicosane (C20)

R.T.: 12.292 min
Delta R.T.: -0.006 min
Response: 3504030
Conc: 21.90 ug/ml



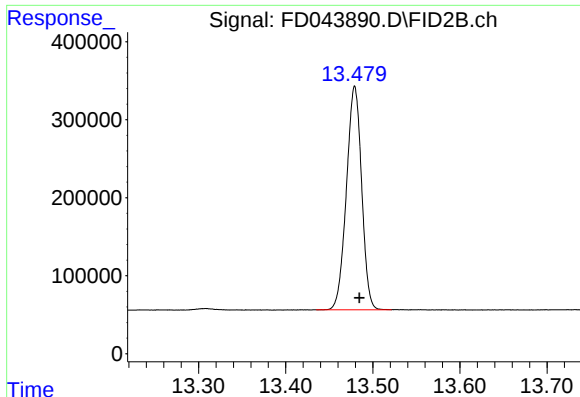
#11 n-Heneicosane (C21)

R.T.: 12.899 min
Delta R.T.: -0.006 min
Response: 3498475
Conc: 21.69 ug/ml



#12 1-chlorooctadecane (SURR)

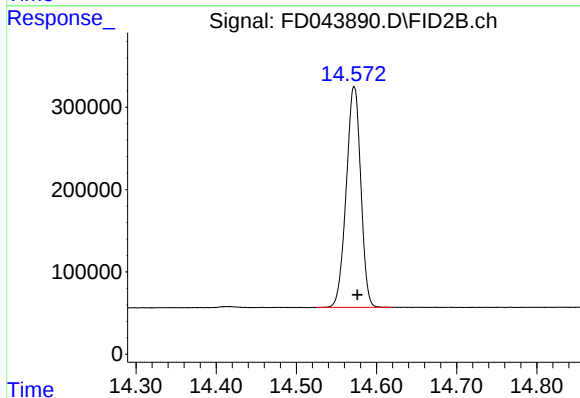
R.T.: 12.733 min
Delta R.T.: -0.008 min
Response: 2939660
Conc: 22.09 ug/ml



#13 n-Docosane (C22)

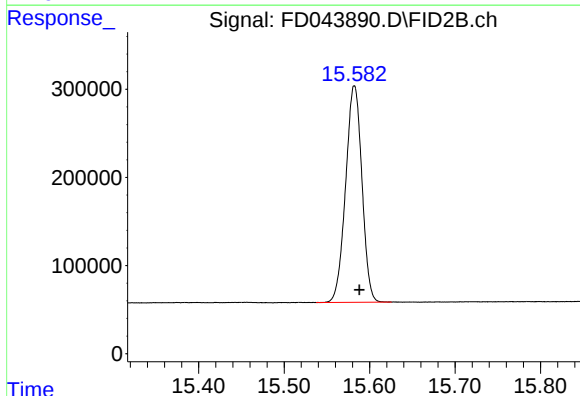
R.T.: 13.479 min
Delta R.T.: -0.005 min
Response: 3476543
Conc: 21.62 ug/ml

Instrument :
FID_D
ClientSampleId :



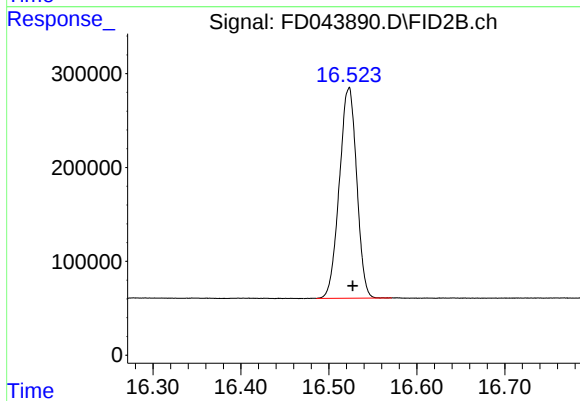
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.004 min
Response: 3385239
Conc: 21.36 ug/ml



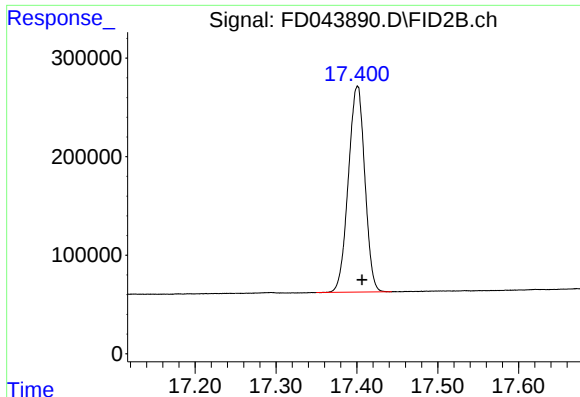
#15 n-Hexacosane (C26)

R.T.: 15.582 min
Delta R.T.: -0.006 min
Response: 3254762
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

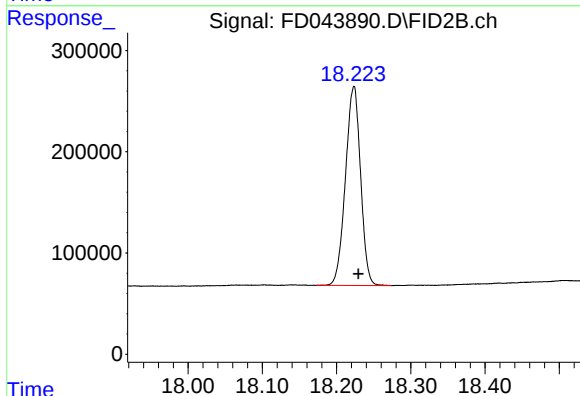
R.T.: 16.523 min
Delta R.T.: -0.004 min
Response: 3075132
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

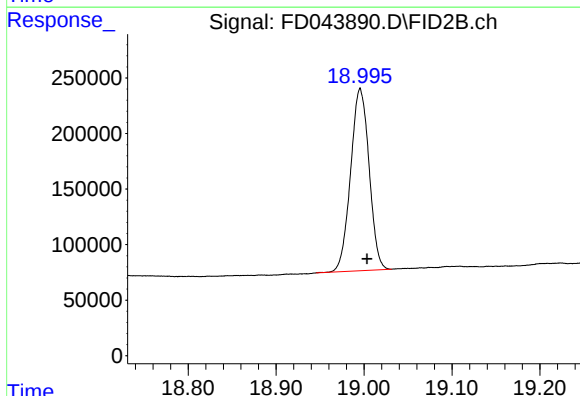
R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 2960106
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



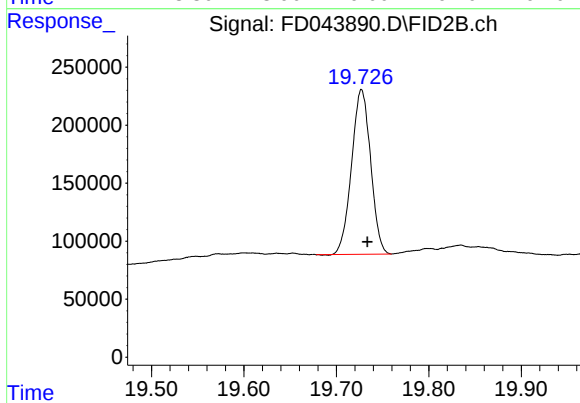
#18 n-Dotriacontane (C32)

R.T.: 18.223 min
Delta R.T.: -0.006 min
Response: 2781070
Conc: 19.48 ug/ml



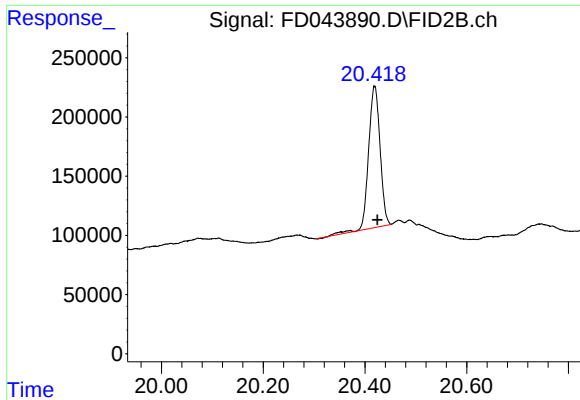
#19 n-Tetratriacontane (C34)

R.T.: 18.996 min
Delta R.T.: -0.008 min
Response: 2394323
Conc: 18.32 ug/ml



#20 n-Hexatriacontane (C36)

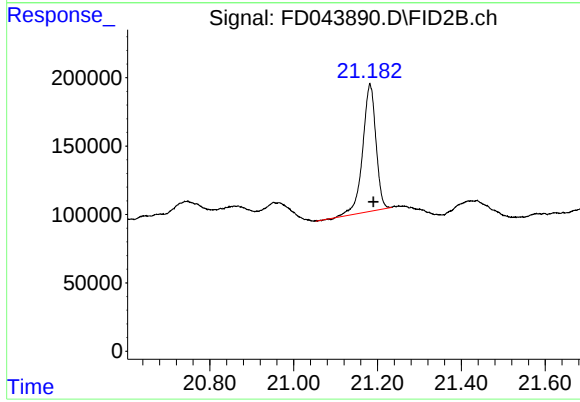
R.T.: 19.727 min
Delta R.T.: -0.006 min
Response: 2029496
Conc: 16.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.419 min
Delta R.T.: -0.006 min
Response: 1874631
Conc: 16.05 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.182 min
Delta R.T.: -0.008 min
Response: 2038806
Conc: 18.45 ug/ml