

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100522AL\
 Data File : FD044039.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2022 21:26
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 06 01:40:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:31:16 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)	11.307	802611	5.099 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
12) S 1-chlorooctadecane (S...	12.724	653827	5.199 ug/ml
Spiked Amount 50.000		Recovery =	10.40%
Target Compounds			
1) T n-Nonane (C9)	3.144	684643	5.070 ug/ml
2) T n-Decane (C10)	4.192	657480	4.894 ug/ml
3) T A~Naphthalene (C11.7)	5.783	479671	3.600 ug/ml
4) T n-Dodecane (C12)	6.188	700691	5.043 ug/ml
5) T A~2-methylnaphthalene...	6.835	385671	2.962 ug/ml
6) T n-Tetradecane (C14)	7.968	702295	5.044 ug/ml
7) T n-Hexadecane (C16)	9.554	718565	5.094 ug/ml
8) T n-Octadecane (C18)	10.983	758444	5.216 ug/ml
10) T n-Eicosane (C20)	12.281	780982	5.267 ug/ml
11) T n-Heneicosane (C21)	12.887	799963	5.332 ug/ml
13) T n-Docosane (C22)	13.469	795508	5.291 ug/ml
14) T n-Tetracosane (C24)	14.561	795686	5.272 ug/ml
15) T n-Hexacosane (C26)	15.571	798072	5.271 ug/ml
16) T n-Octacosane (C28)	16.511	799077	5.304 ug/ml
17) T n-Tricontane (C30)	17.389	816665	5.328 ug/ml
18) T n-Dotriacontane (C32)	18.210	825586	5.383 ug/ml
19) T n-Tetratriacontane (C34)	18.985	786380	5.342 ug/ml
20) T n-Hexatriacontane (C36)	19.716	789620	5.386 ug/ml
21) T n-Octatriacontane (C38)	20.408	737367	5.286 ug/ml
22) T n-Tetracontane (C40)	21.168	673816	5.181 ug/ml

(f)=RT Delta > 1/2 Window

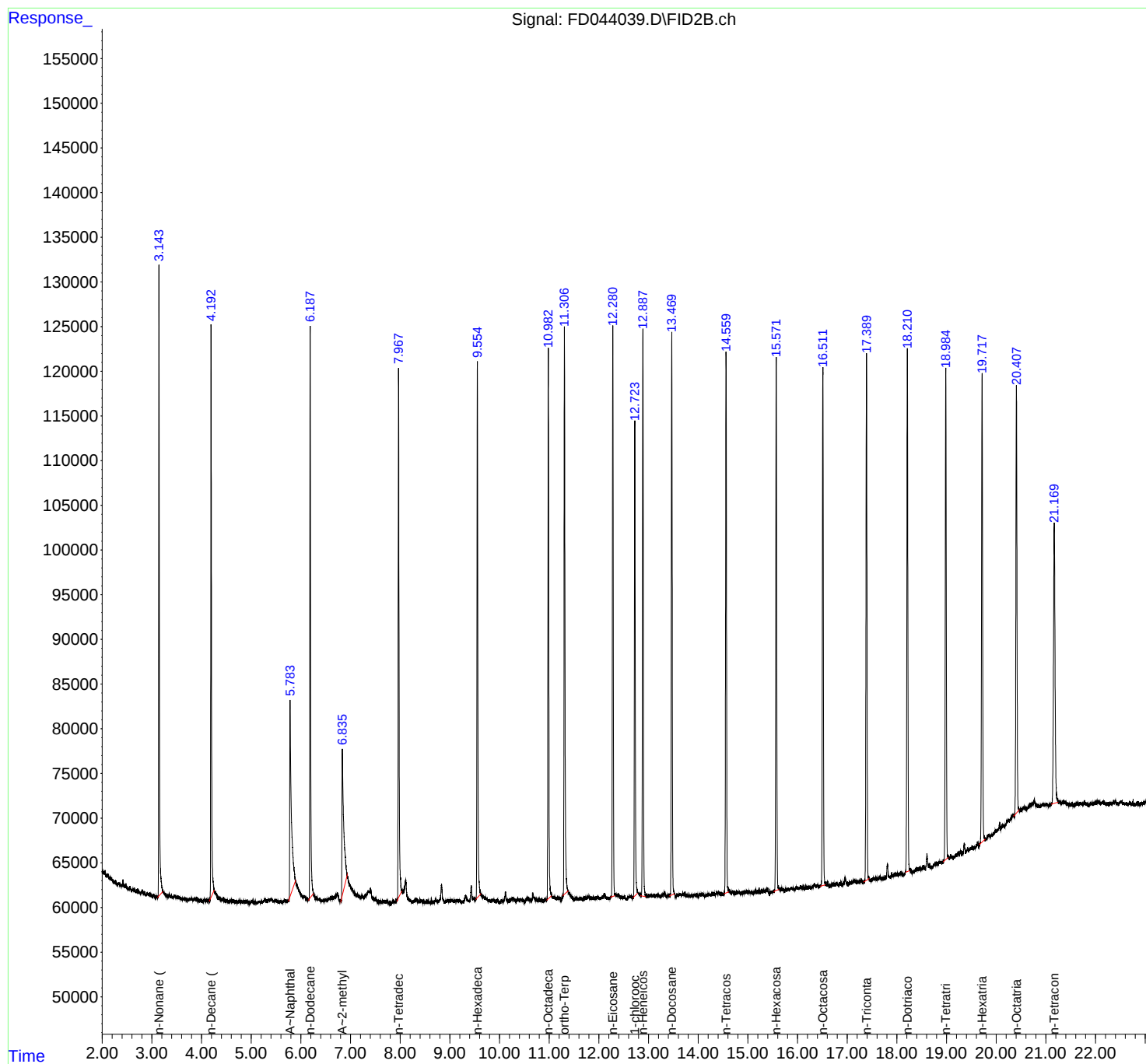
(m)=manual int.

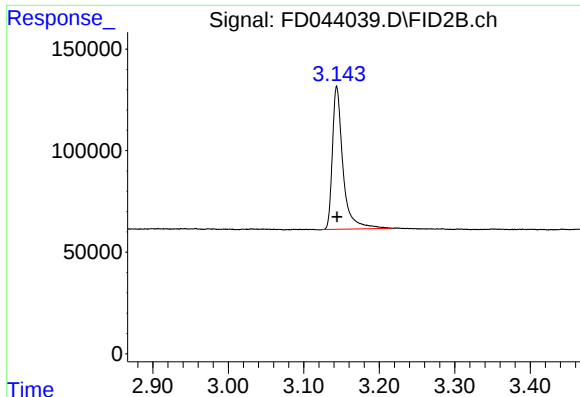
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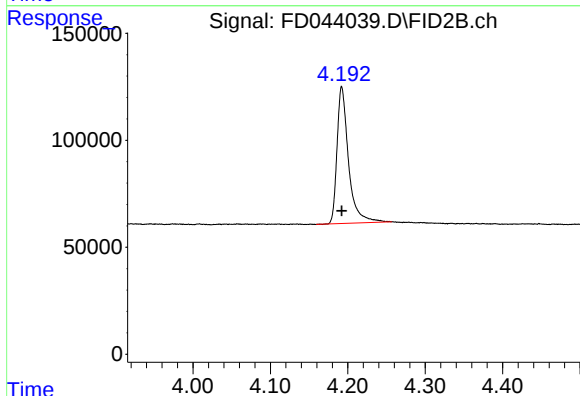




#1 n-Nonane (C9)

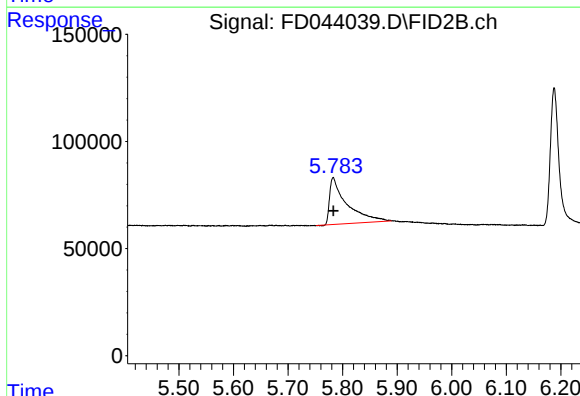
R.T.: 3.144 min
Delta R.T.: 0.000 min
Response: 684643
Conc: 5.07 ug/ml

Instrument :
FID_D
ClientSampleId :



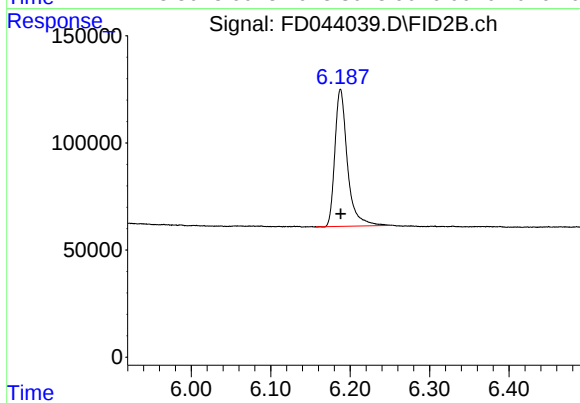
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 657480
Conc: 4.89 ug/ml



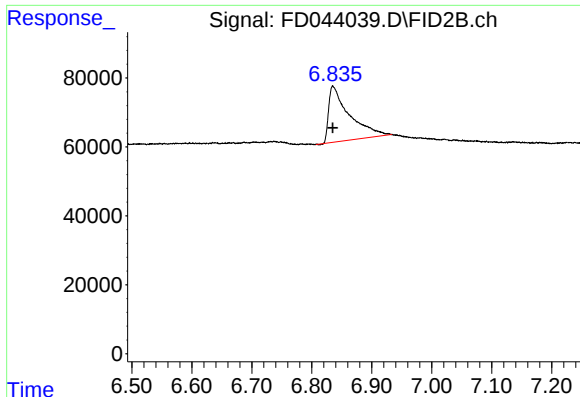
#3 A~Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 479671
Conc: 3.60 ug/ml



#4 n-Dodecane (C12)

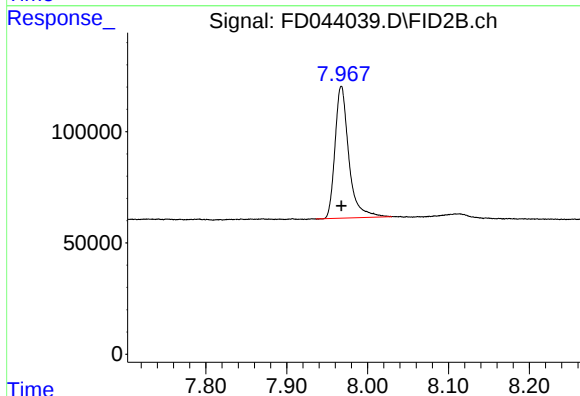
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 700691
Conc: 5.04 ug/ml



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

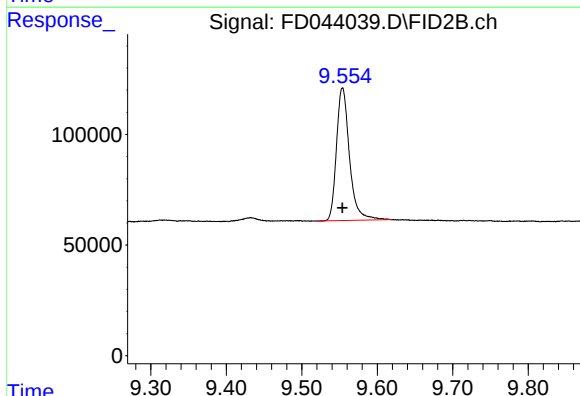
R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 385671
Conc: 2.96 ug/ml

Instrument :
FID_D
ClientSampleId :



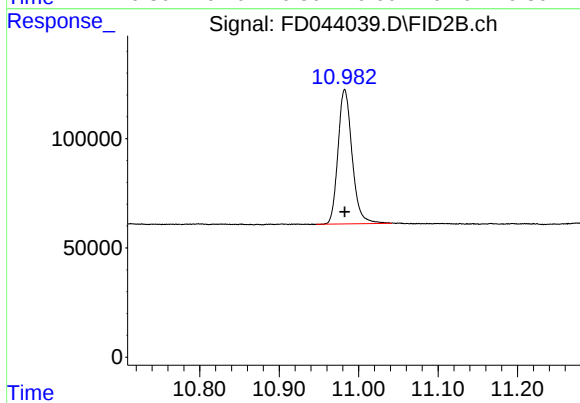
#6 n-Tetradecane (C14)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 702295
Conc: 5.04 ug/ml



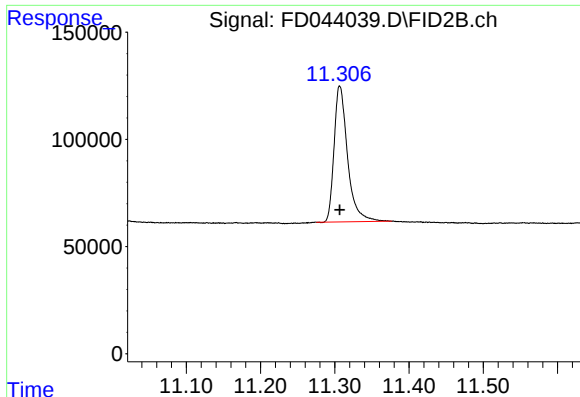
#7 n-Hexadecane (C16)

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 718565
Conc: 5.09 ug/ml



#8 n-Octadecane (C18)

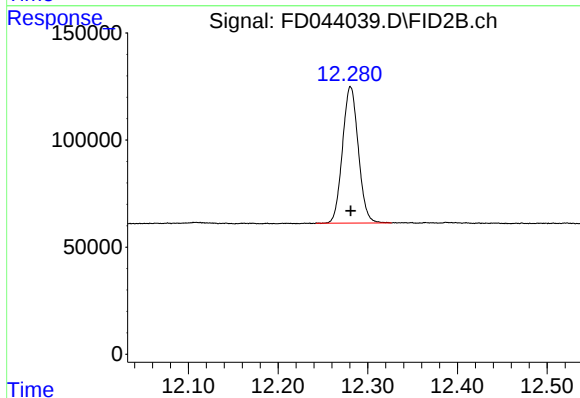
R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 758444
Conc: 5.22 ug/ml



#9 ortho-Terphenyl (SURR)

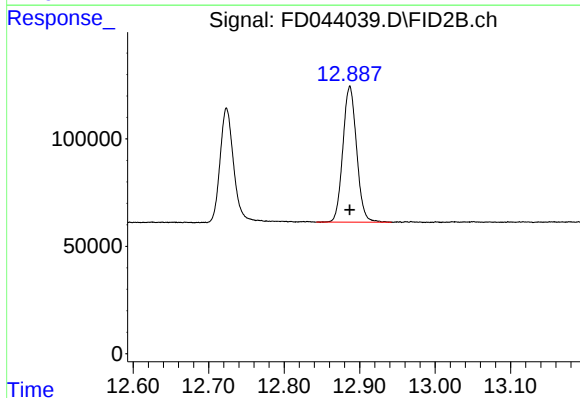
R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 802611
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



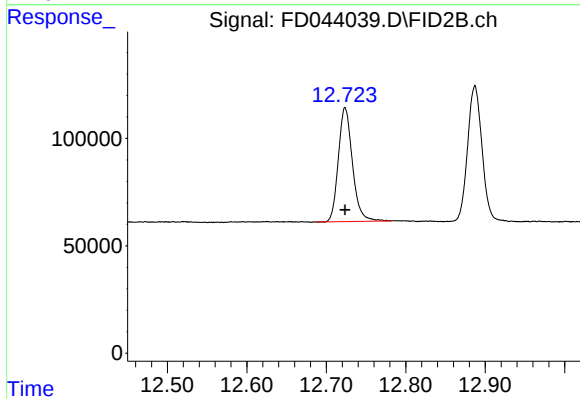
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 780982
Conc: 5.27 ug/ml



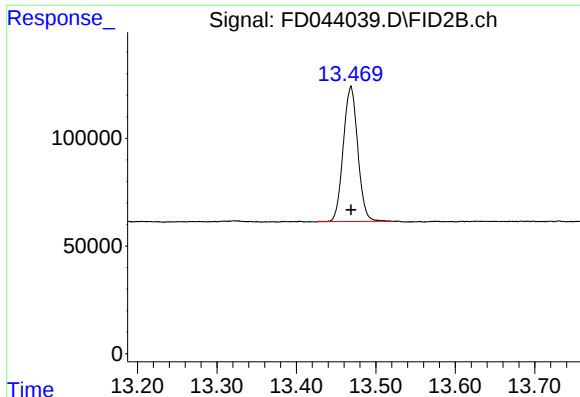
#11 n-Heneicosane (C21)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 799963
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

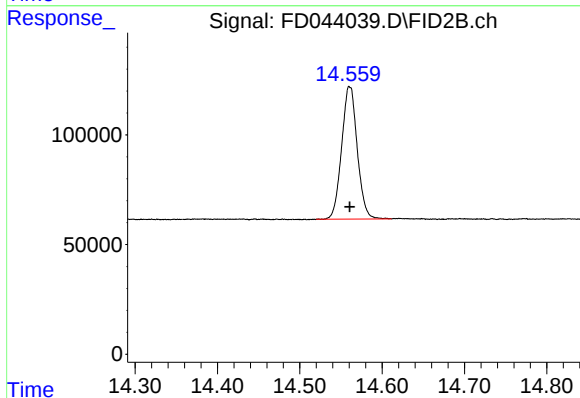
R.T.: 12.724 min
Delta R.T.: 0.000 min
Response: 653827
Conc: 5.20 ug/ml



#13 n-Docosane (C22)

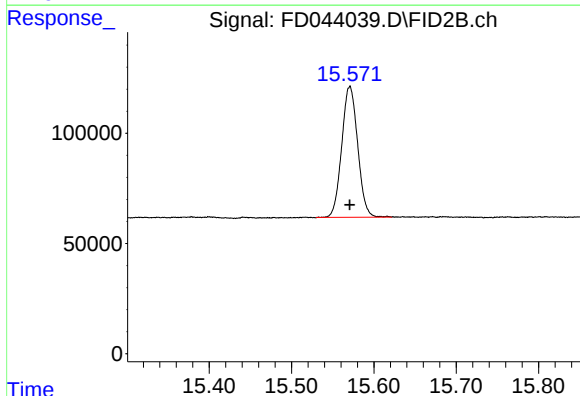
R.T.: 13.469 min
Delta R.T.: 0.000 min
Response: 795508
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :



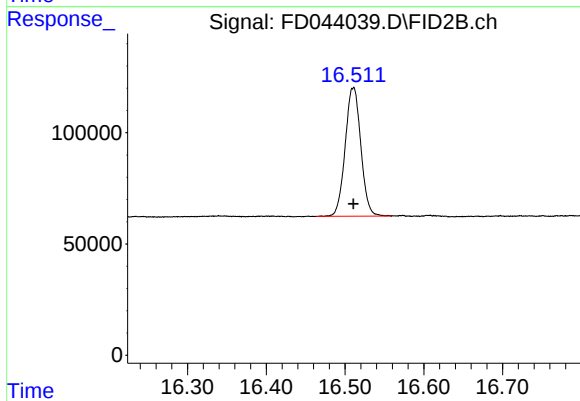
#14 n-Tetracosane (C24)

R.T.: 14.561 min
Delta R.T.: 0.000 min
Response: 795686
Conc: 5.27 ug/ml



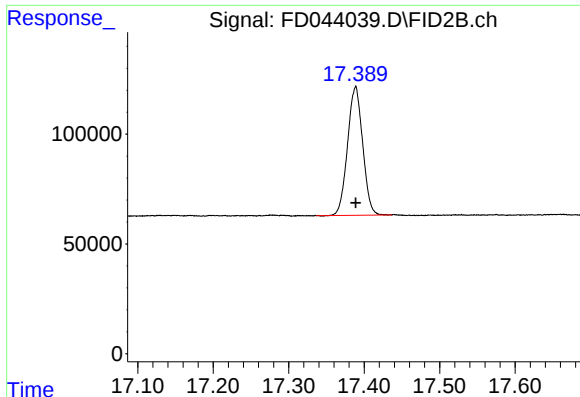
#15 n-Hexacosane (C26)

R.T.: 15.571 min
Delta R.T.: 0.000 min
Response: 798072
Conc: 5.27 ug/ml



#16 n-Octacosane (C28)

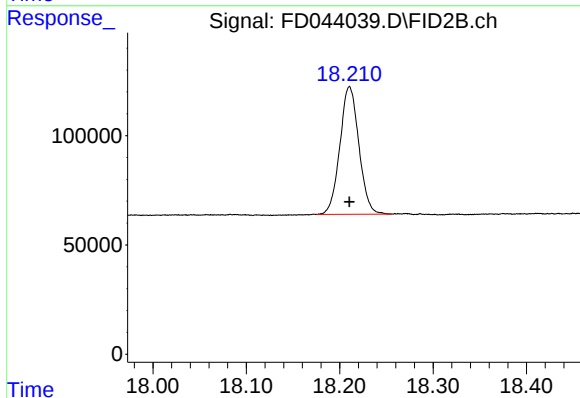
R.T.: 16.511 min
Delta R.T.: 0.000 min
Response: 799077
Conc: 5.30 ug/ml



#17 n-Tricontane (C30)

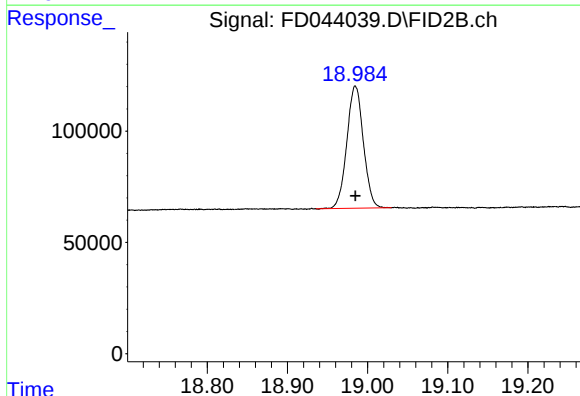
R.T.: 17.389 min
Delta R.T.: 0.000 min
Response: 816665
Conc: 5.33 ug/ml

Instrument :
FID_D
ClientSampleId :



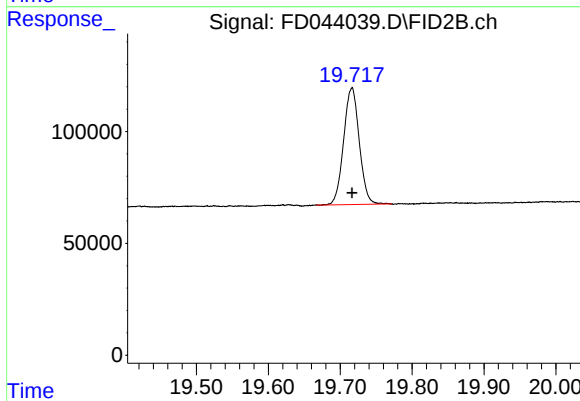
#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 825586
Conc: 5.38 ug/ml



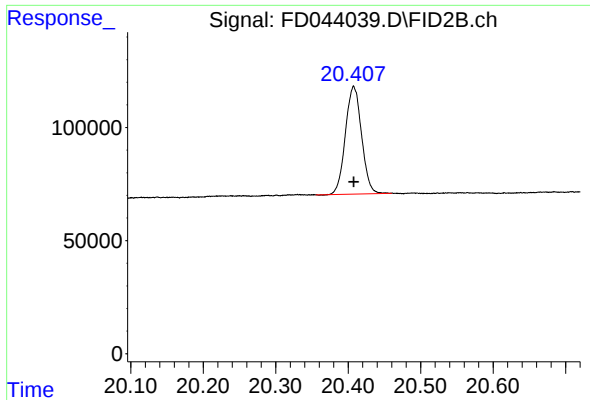
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min
Delta R.T.: 0.000 min
Response: 786380
Conc: 5.34 ug/ml



#20 n-Hexatriacontane (C36)

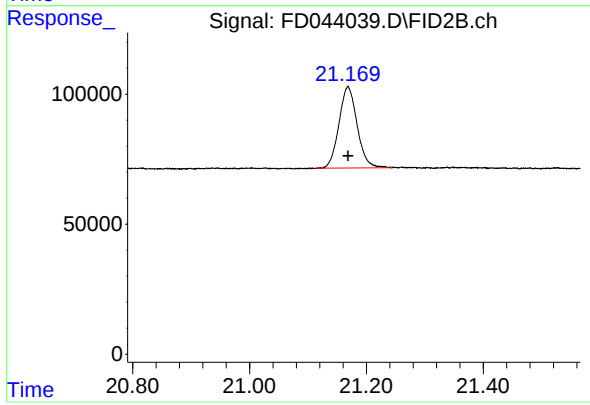
R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 789620
Conc: 5.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.408 min
Delta R.T.: 0.000 min
Response: 737367
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 673816
Conc: 5.18 ug/ml