

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090822AL\
 Data File : FD043835.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 15:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 09:04:19 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)	11.321	3594959	21.020 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	12.738	2825506	21.235 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
Target Compounds			
1) T n-Nonane (C9)	3.151	3018523	20.960 ug/ml
2) T n-Decane (C10)	4.202	3044770	20.998 ug/ml
3) T A~Naphthalene (C11.7)	5.776	2985806	21.104 ug/ml
4) T n-Dodecane (C12)	6.200	3132994	20.943 ug/ml
5) T A~2-methylnaphthalene...	6.823	2930306	21.233 ug/ml
6) T n-Tetradecane (C14)	7.980	3153084	20.892 ug/ml
7) T n-Hexadecane (C16)	9.568	3223127	21.073 ug/ml
8) T n-Octadecane (C18)	10.999	3312553	21.010 ug/ml
10) T n-Eicosane (C20)	12.297	3368322	21.050 ug/ml
11) T n-Heneicosane (C21)	12.903	3389936	21.013 ug/ml
13) T n-Docosane (C22)	13.484	3427314	21.315 ug/ml
14) T n-Tetracosane (C24)	14.576	3443345	21.728 ug/ml
15) T n-Hexacosane (C26)	15.588	3415792	21.932 ug/ml
16) T n-Octacosane (C28)	16.527	3317643	21.912 ug/ml
17) T n-Tricontane (C30)	17.405	3257607	21.863 ug/ml
18) T n-Dotriacontane (C32)	18.229	3096318	21.691 ug/ml
19) T n-Tetratriacontane (C34)	19.003	2788647	21.336 ug/ml
20) T n-Hexatriacontane (C36)	19.735	2626180	21.219 ug/ml
21) T n-Octatriacontane (C38)	20.426	2482373	21.249 ug/ml
22) T n-Tetracontane (C40)	21.192	2373076	21.471 ug/ml

(f)=RT Delta > 1/2 Window

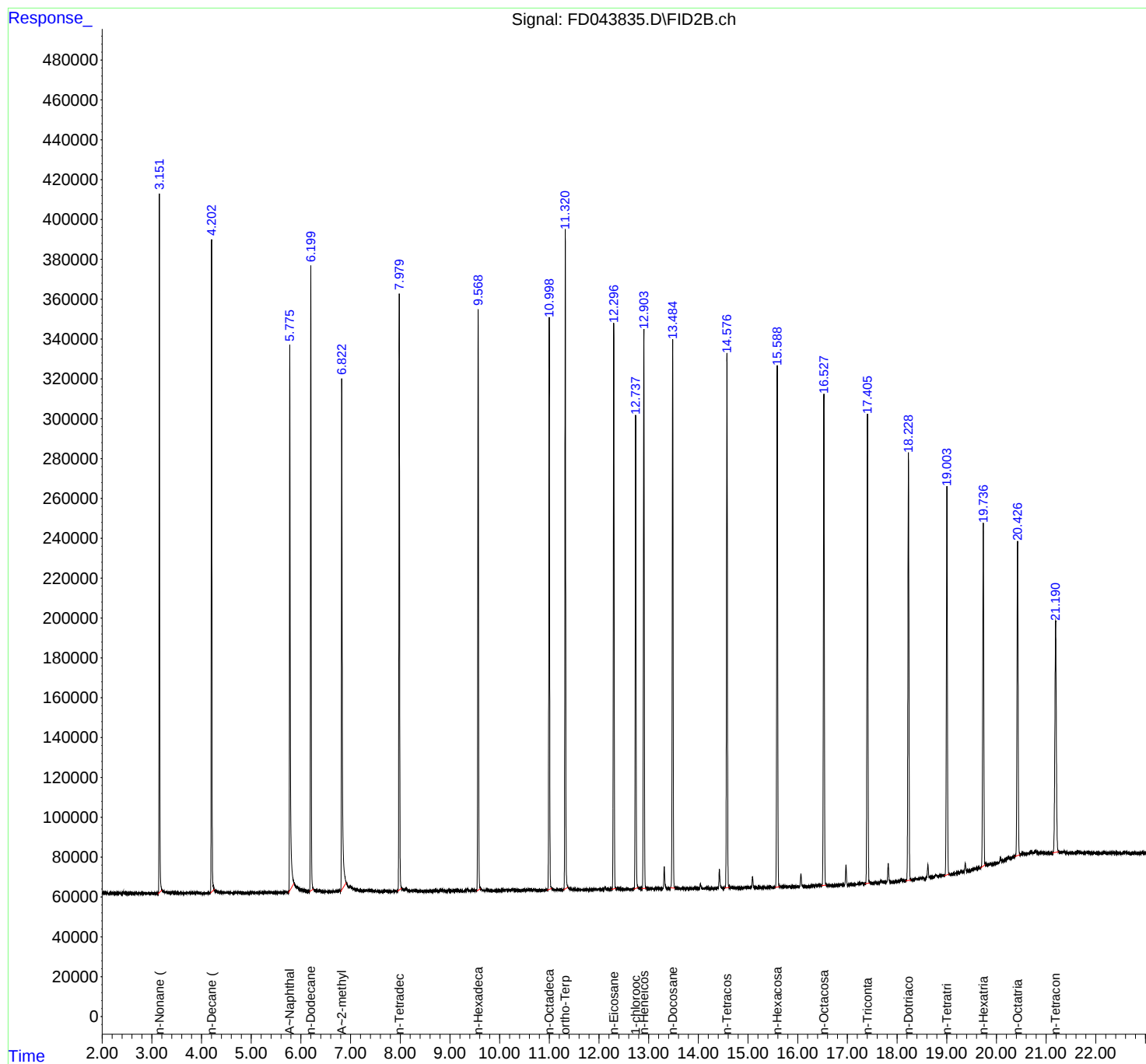
(m)=manual int.

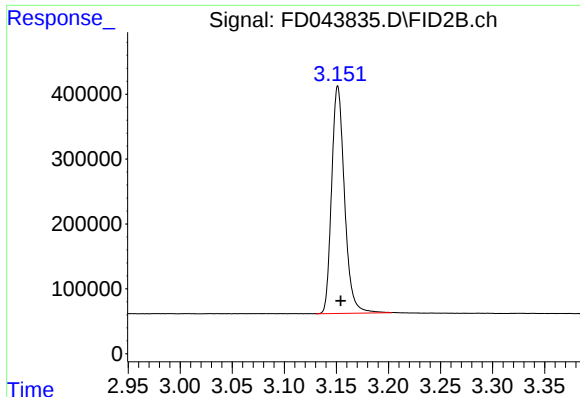
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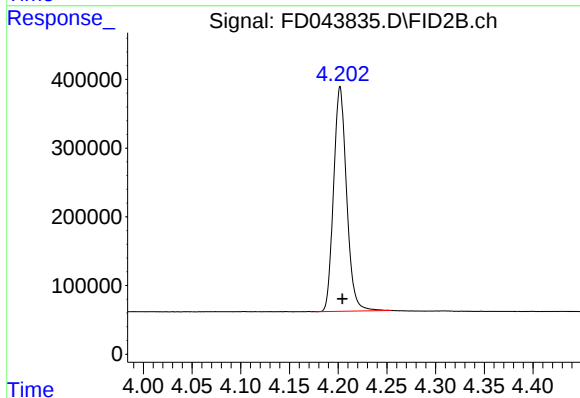




#1 n-Nonane (C9)

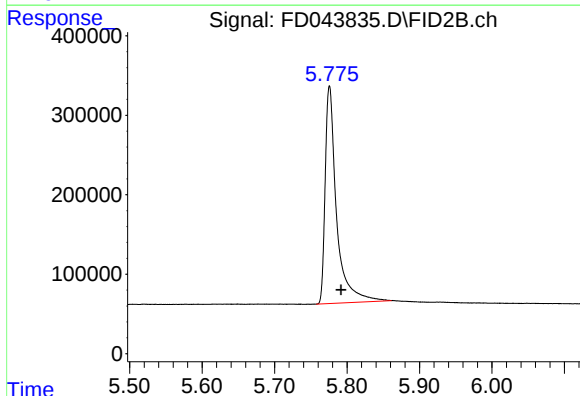
R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 3018523
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :



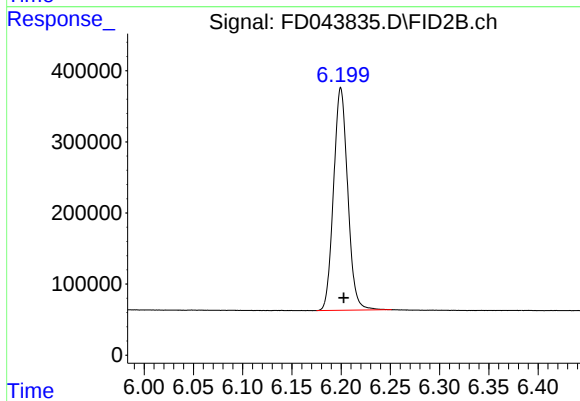
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 3044770
Conc: 21.00 ug/ml



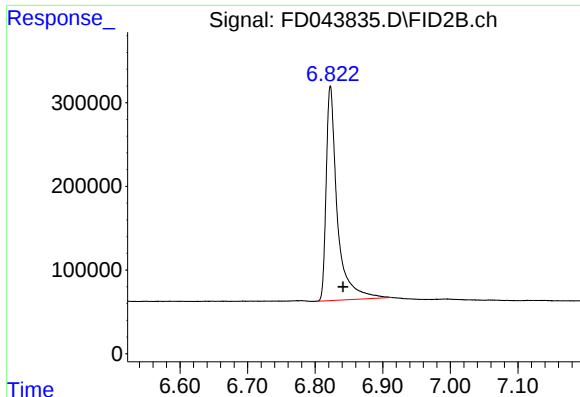
#3 A~Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.016 min
Response: 2985806
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

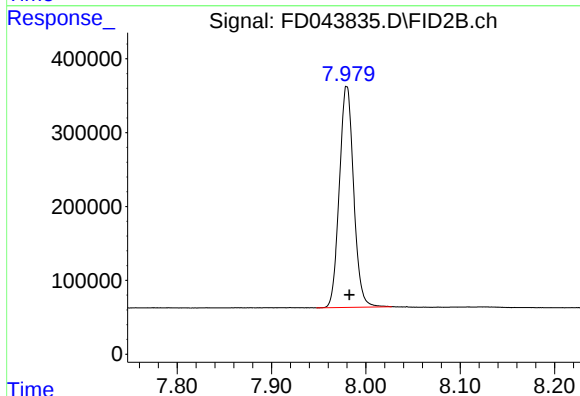
R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 3132994
Conc: 20.94 ug/ml



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

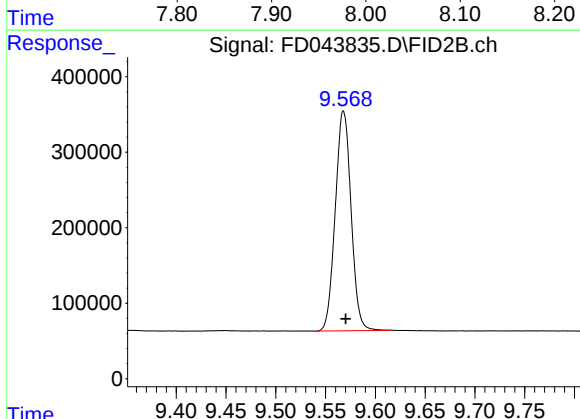
R.T.: 6.823 min
Delta R.T.: -0.019 min
Response: 2930306
Conc: 21.23 ug/ml

Instrument :
FID_D
ClientSampleId :



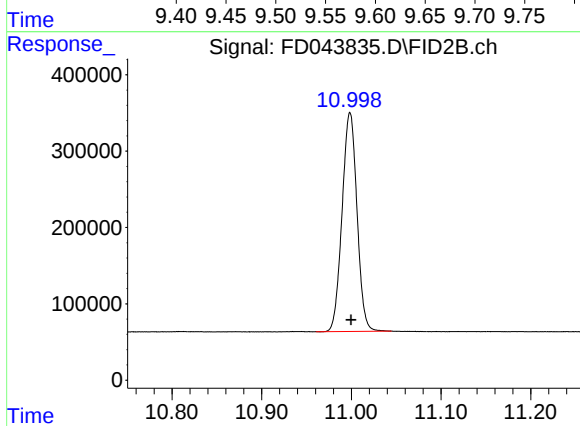
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 3153084
Conc: 20.89 ug/ml



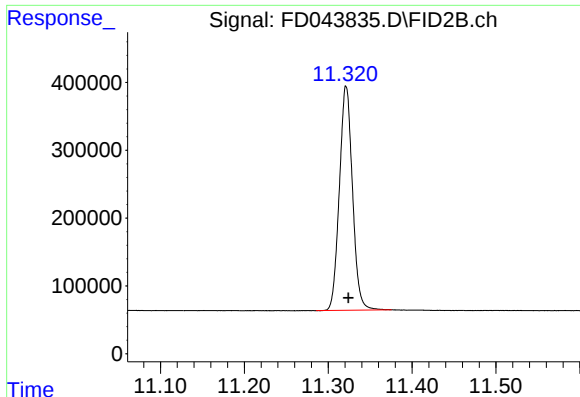
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: -0.002 min
Response: 3223127
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

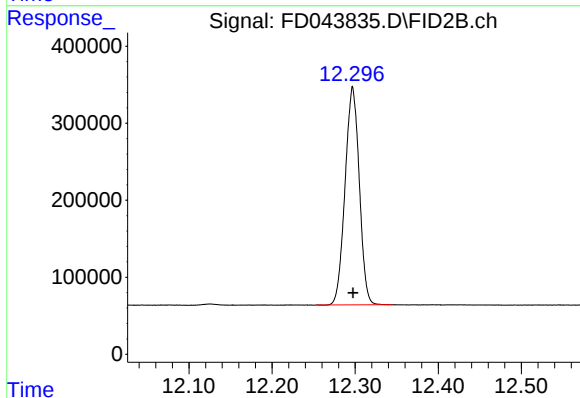
R.T.: 10.999 min
Delta R.T.: -0.001 min
Response: 3312553
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

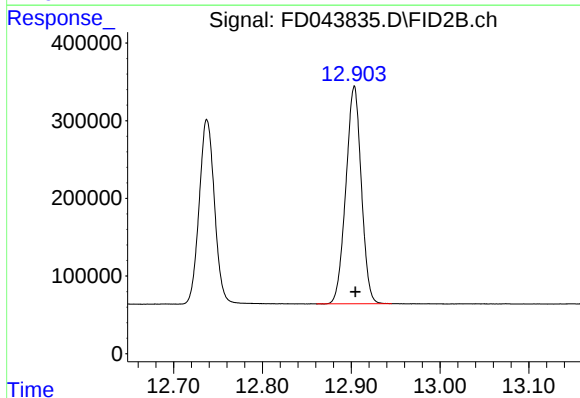
R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 3594959
Conc: 21.02 ug/ml

Instrument :
FID_D
ClientSampleId :



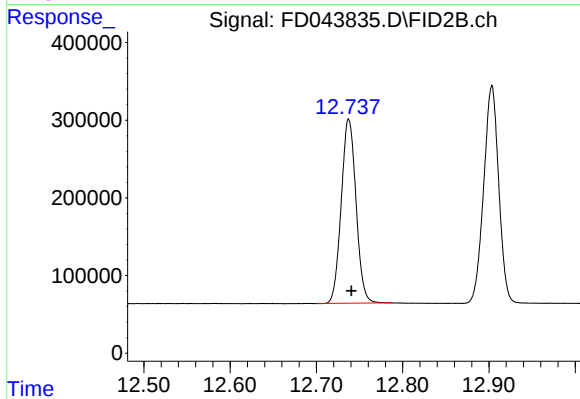
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 3368322
Conc: 21.05 ug/ml



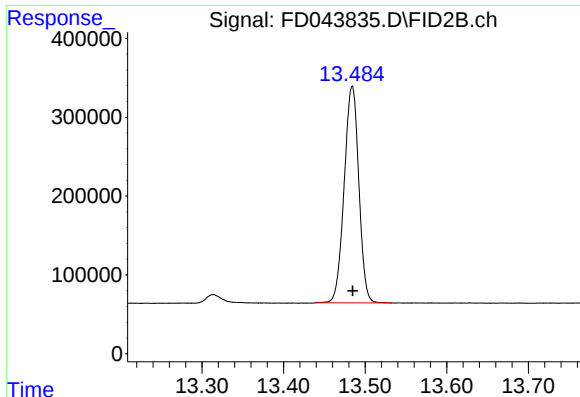
#11 n-Heneicosane (C21)

R.T.: 12.903 min
Delta R.T.: -0.001 min
Response: 3389936
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

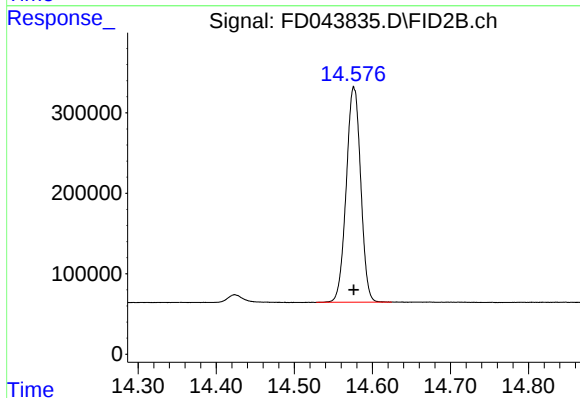
R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 2825506
Conc: 21.24 ug/ml



#13 n-Docosane (C22)

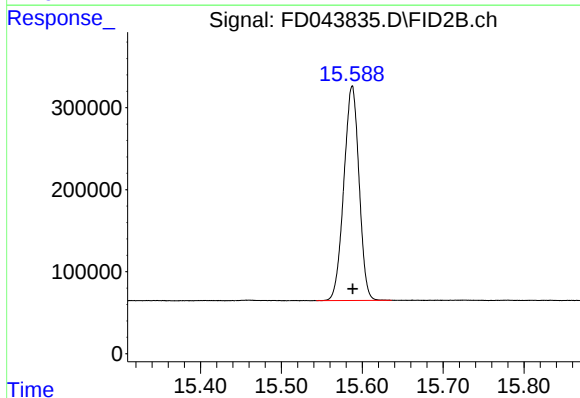
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 3427314
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :



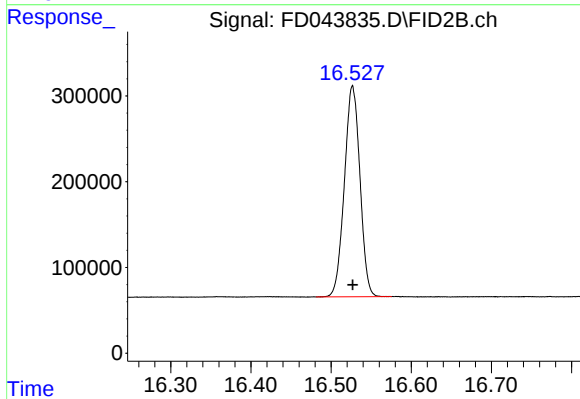
#14 n-Tetracosane (C24)

R.T.: 14.576 min
Delta R.T.: 0.000 min
Response: 3443345
Conc: 21.73 ug/ml



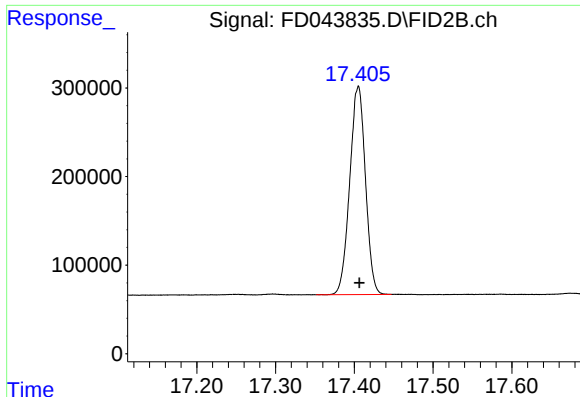
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: 0.000 min
Response: 3415792
Conc: 21.93 ug/ml



#16 n-Octacosane (C28)

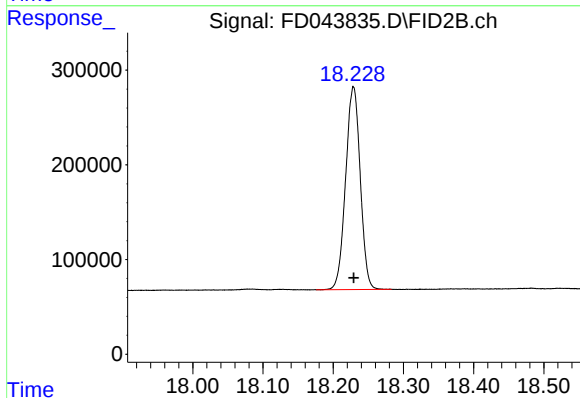
R.T.: 16.527 min
Delta R.T.: 0.000 min
Response: 3317643
Conc: 21.91 ug/ml



#17 n-Tricontane (C30)

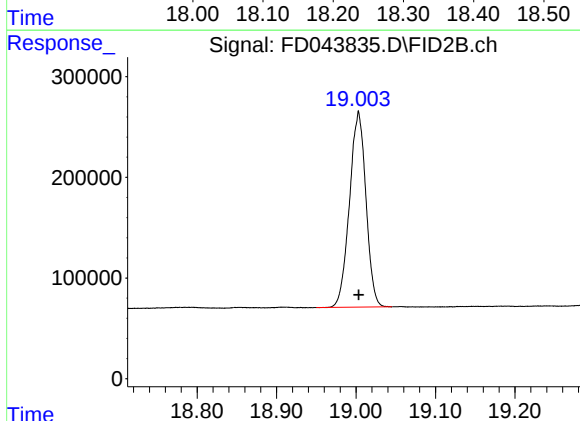
R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 3257607
Conc: 21.86 ug/ml

Instrument :
FID_D
ClientSampleId :



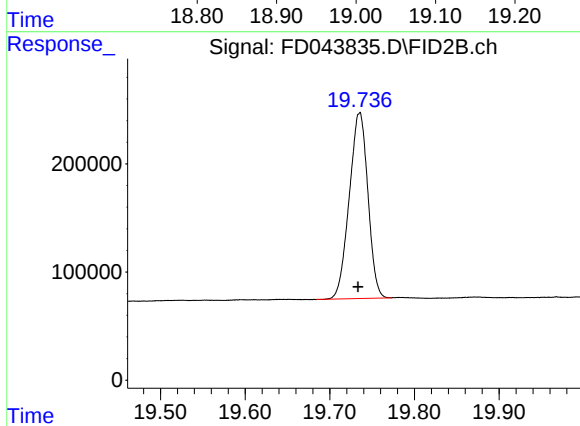
#18 n-Dotriacontane (C32)

R.T.: 18.229 min
Delta R.T.: 0.000 min
Response: 3096318
Conc: 21.69 ug/ml



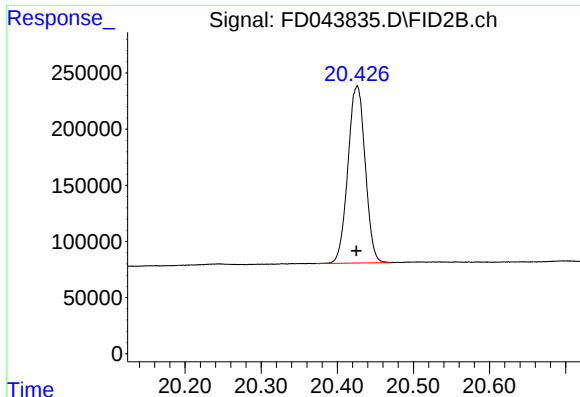
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 2788647
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

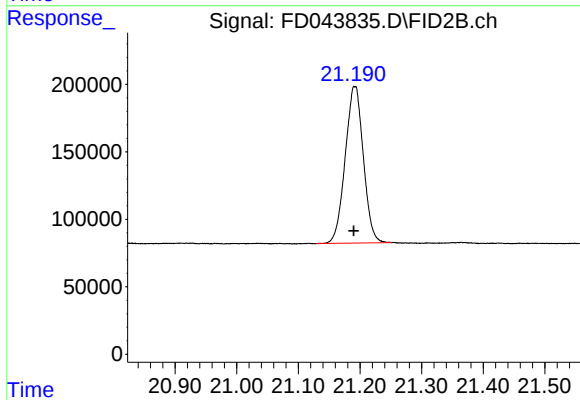
R.T.: 19.735 min
Delta R.T.: 0.002 min
Response: 2626180
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.426 min
Delta R.T.: 0.001 min
Response: 2482373
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: 0.002 min
Response: 2373076
Conc: 21.47 ug/ml