

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062922AL\
 Data File : FD043118.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jun 2022 22:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 30 02:28:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 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)	11.536	3363712	18.993 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
12) S 1-chlorooctadecane (S...	12.970	2641665	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.323	2833177	18.895 ug/ml
2) T n-Decane (C10)	4.387	2859595	19.159 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3266613	19.268 ug/ml
4) T n-Dodecane (C12)	6.400	2948857	19.290 ug/ml
5) T A~2-methylnaphthalene...	7.018	3312546	19.282 ug/ml
6) T n-Tetradecane (C14)	8.189	2978734	19.359 ug/ml
7) T n-Hexadecane (C16)	9.786	3029245	19.385 ug/ml
8) T n-Octadecane (C18)	11.223	3058375	19.307 ug/ml
10) T n-Eicosane (C20)	12.528	3047166	19.197 ug/ml
11) T n-Heneicosane (C21)	13.138	3035742	19.014 ug/ml
13) T n-Docosane (C22)	13.722	3050913	19.096 ug/ml
14) T n-Tetracosane (C24)	14.821	3052814	19.013 ug/ml
15) T n-Hexacosane (C26)	15.838	3001425	18.892 ug/ml
16) T n-Octacosane (C28)	16.783	2957597	18.873 ug/ml
17) T n-Tricontane (C30)	17.668	2909643	19.172 ug/ml
18) T n-Dotriacontane (C32)	18.496	2734169	19.418 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2447292	19.219 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2244553	19.497 ug/ml
21) T n-Octatriacontane (C38)	20.734	2154094	19.998 ug/ml
22) T n-Tetracontane (C40)	21.612	2164082	20.359 ug/ml

(f)=RT Delta > 1/2 Window

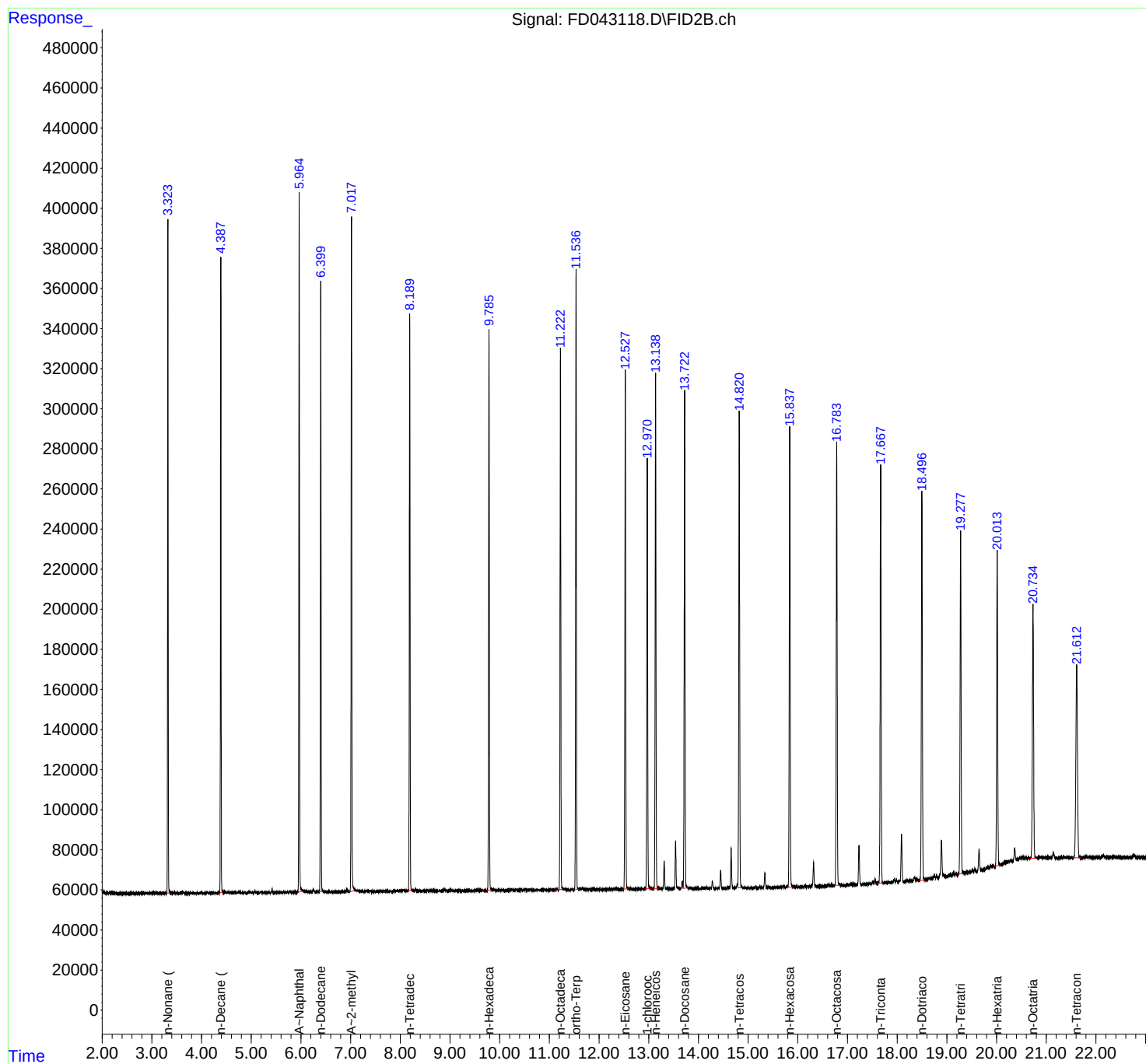
(m)=manual int.

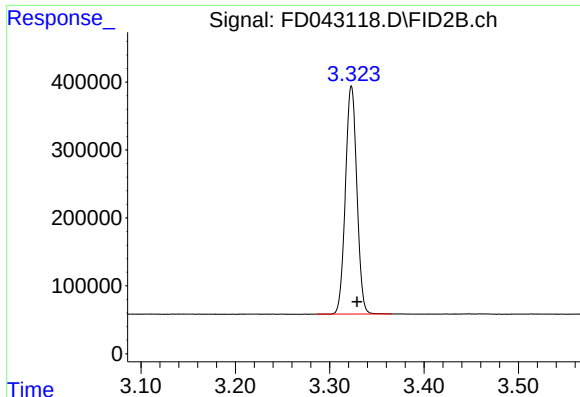
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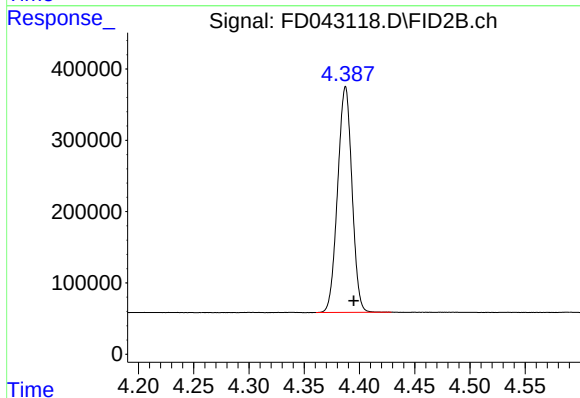




#1 n-Nonane (C9)

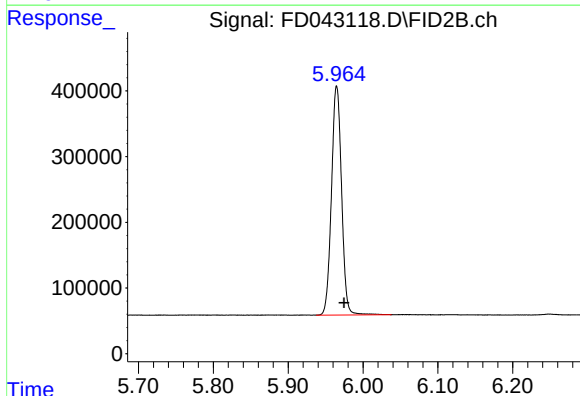
R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 2833177
Conc: 18.90 ug/ml

Instrument :
FID_D
ClientSampleId :



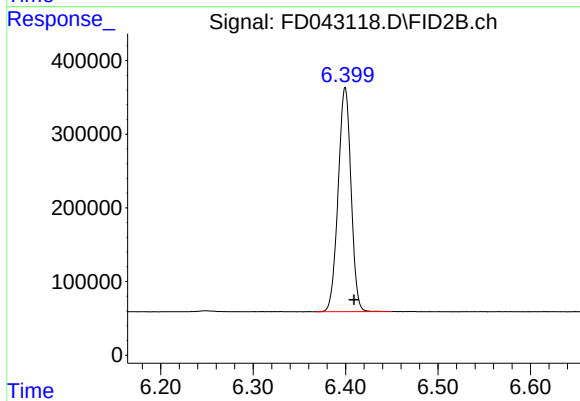
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.007 min
Response: 2859595
Conc: 19.16 ug/ml



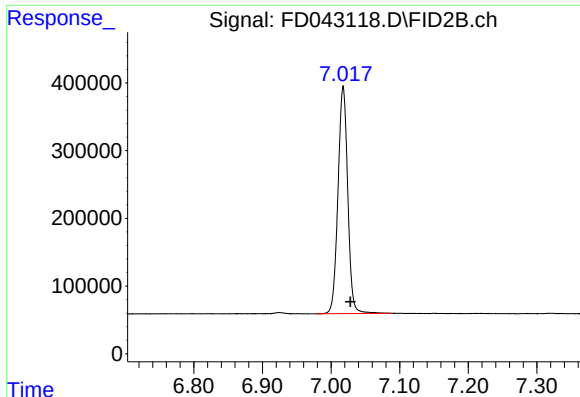
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 3266613
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

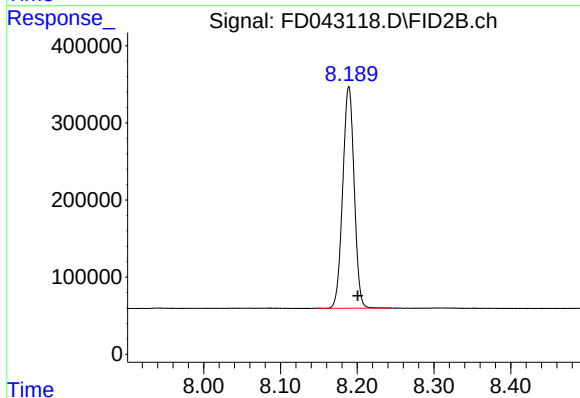
R.T.: 6.400 min
Delta R.T.: -0.009 min
Response: 2948857
Conc: 19.29 ug/ml



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

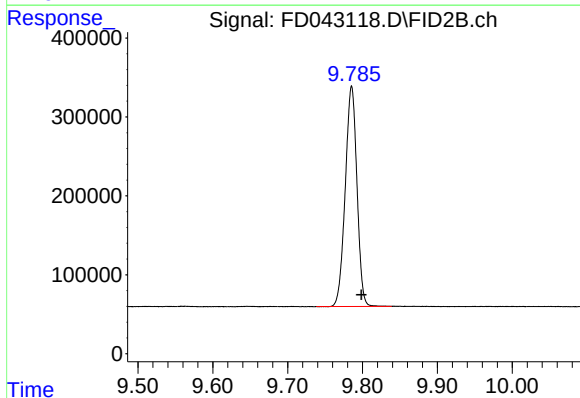
R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 3312546
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :



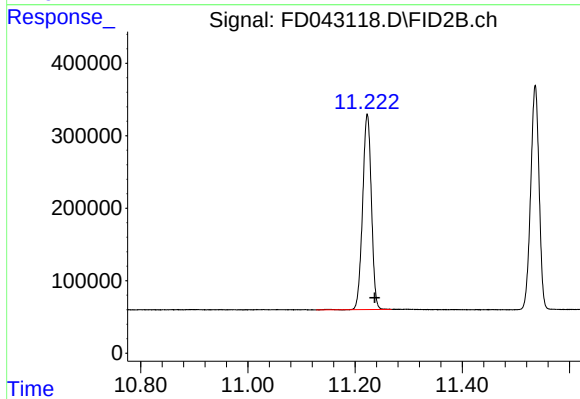
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: -0.012 min
Response: 2978734
Conc: 19.36 ug/ml



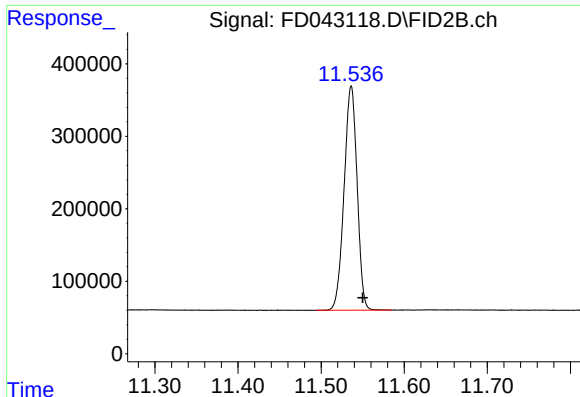
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.013 min
Response: 3029245
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

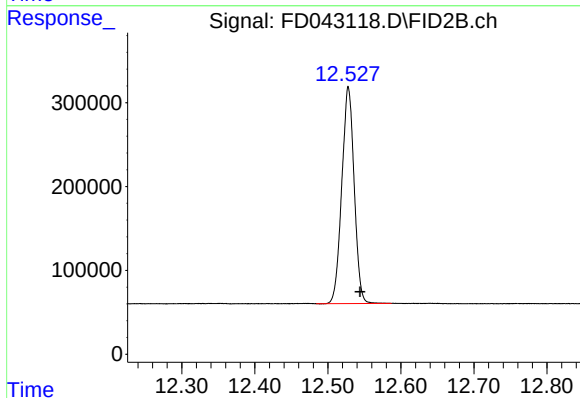
R.T.: 11.223 min
Delta R.T.: -0.014 min
Response: 3058375
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

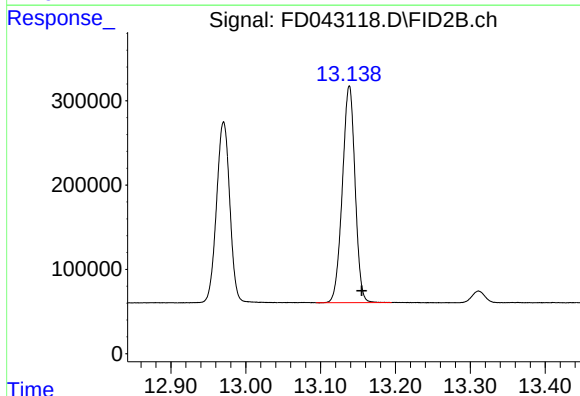
R.T.: 11.536 min
Delta R.T.: -0.014 min
Response: 3363712
Conc: 18.99 ug/ml

Instrument :
FID_D
ClientSampleId :



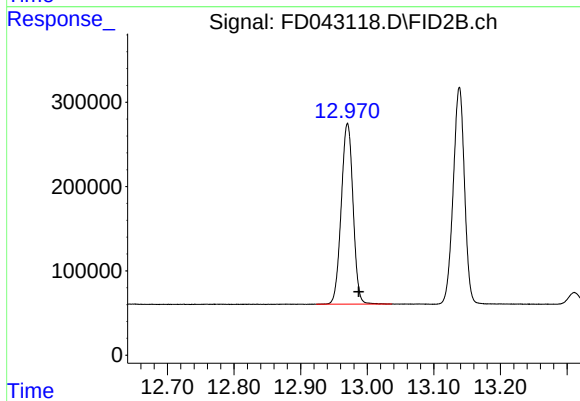
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.016 min
Response: 3047166
Conc: 19.20 ug/ml



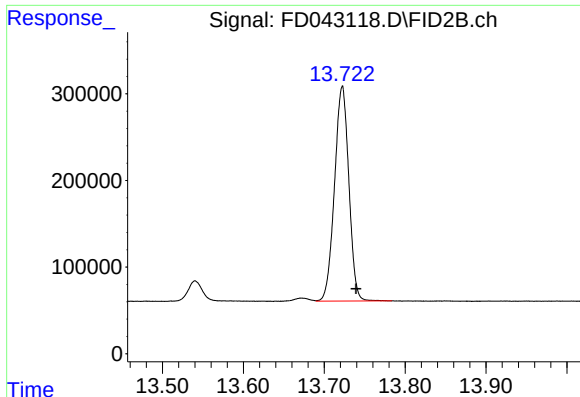
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.016 min
Response: 3035742
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

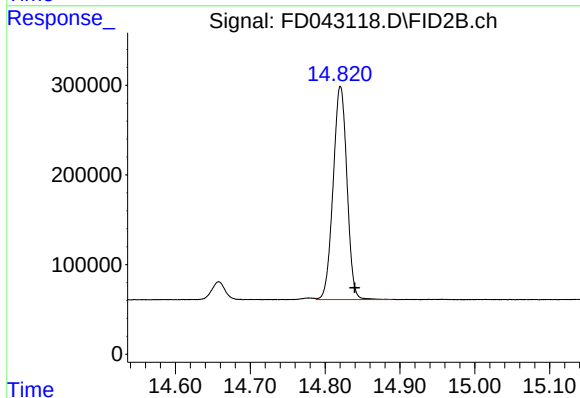
R.T.: 12.970 min
Delta R.T.: -0.017 min
Response: 2641665
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

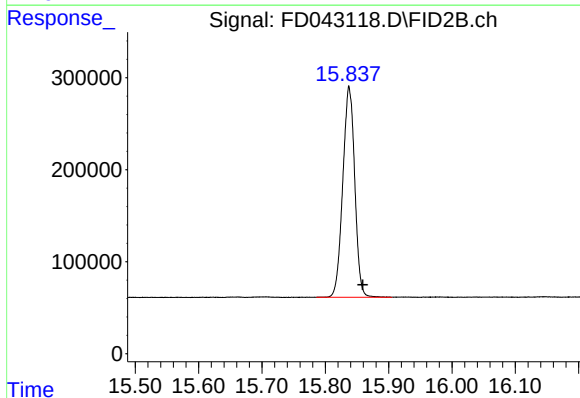
R.T.: 13.722 min
Delta R.T.: -0.017 min
Response: 3050913
Conc: 19.10 ug/ml

Instrument :
FID_D
ClientSampleId :



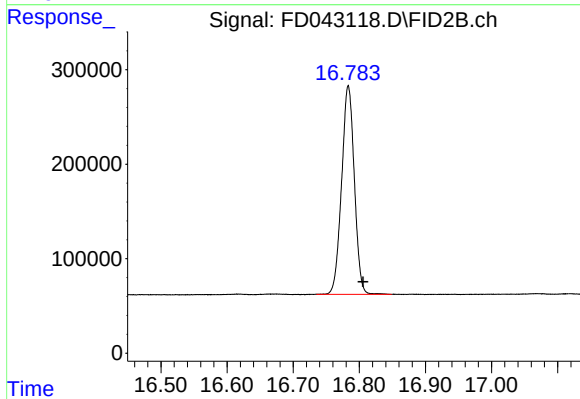
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.019 min
Response: 3052814
Conc: 19.01 ug/ml



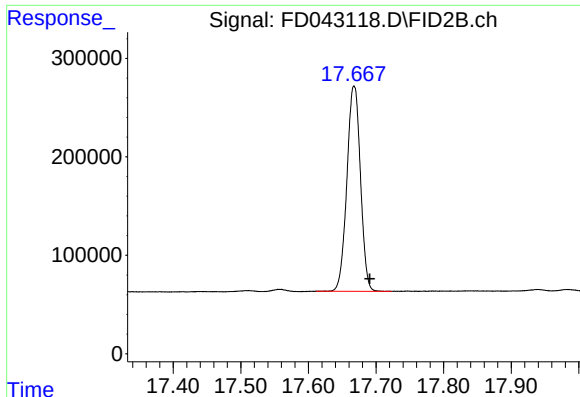
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.022 min
Response: 3001425
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

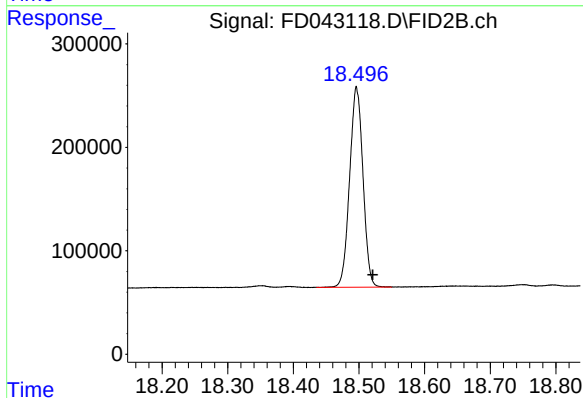
R.T.: 16.783 min
Delta R.T.: -0.023 min
Response: 2957597
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

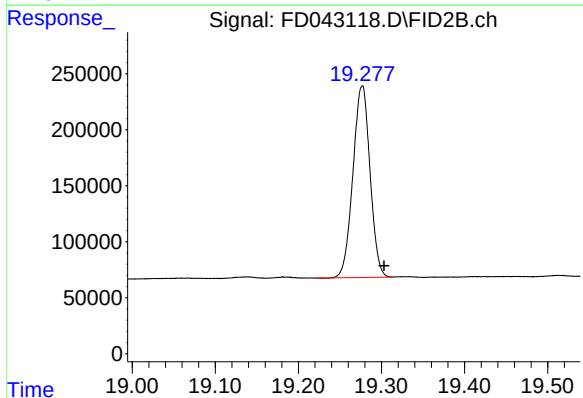
R.T.: 17.668 min
Delta R.T.: -0.023 min
Response: 2909643
Conc: 19.17 ug/ml

Instrument :
FID_D
ClientSampleId :



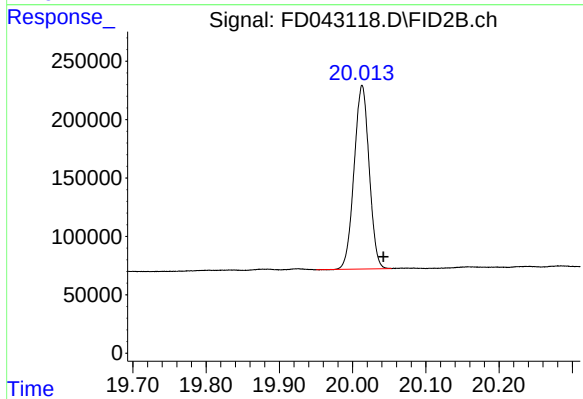
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.025 min
Response: 2734169
Conc: 19.42 ug/ml



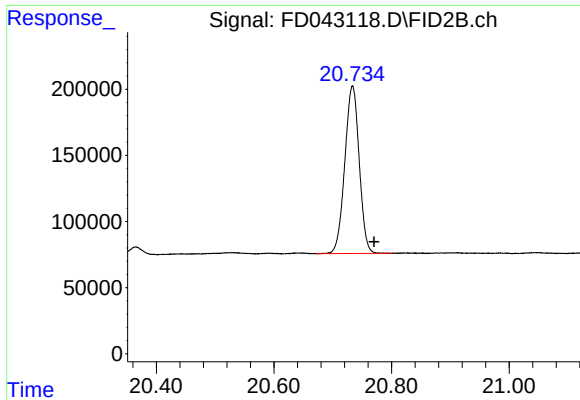
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: -0.026 min
Response: 2447292
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

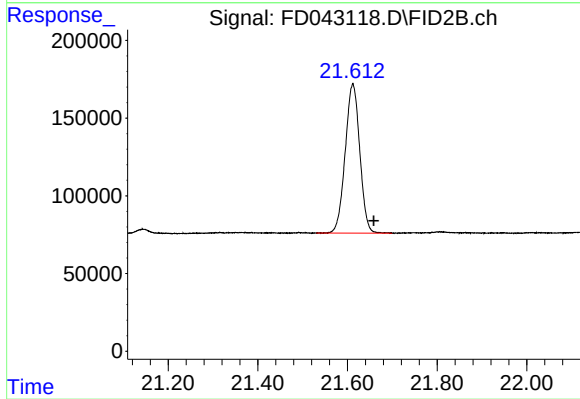
R.T.: 20.013 min
Delta R.T.: -0.029 min
Response: 2244553
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.037 min
Response: 2154094
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.047 min
Response: 2164082
Conc: 20.36 ug/ml