

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072922AL\
 Data File : FD043432.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2022 06:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 30 06:45:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.531	3149225	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.967	2425699	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.314	3078723	21.965 ug/ml
2) T n-Decane (C10)	4.377	3103664	22.073 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3340673	21.986 ug/ml
4) T n-Dodecane (C12)	6.390	3104326	21.811 ug/ml
5) T A~2-methylnaphthalene...	7.009	3283000	21.942 ug/ml
6) T n-Tetradecane (C14)	8.182	3066870	21.620 ug/ml
7) T n-Hexadecane (C16)	9.778	3049071	21.498 ug/ml
8) T n-Octadecane (C18)	11.217	3022028	21.135 ug/ml
10) T n-Eicosane (C20)	12.524	2938606	20.295 ug/ml
11) T n-Heneicosane (C21)	13.133	2876954	19.808 ug/ml
13) T n-Docosane (C22)	13.719	2886659	19.897 ug/ml
14) T n-Tetracosane (C24)	14.820	2844465	19.634 ug/ml
15) T n-Hexacosane (C26)	15.838	2818670	19.596 ug/ml
16) T n-Octacosane (C28)	16.784	2819339	19.930 ug/ml
17) T n-Tricontane (C30)	17.670	2895125	20.512 ug/ml
18) T n-Dotriacontane (C32)	18.500	2923496	21.141 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2697640	20.963 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2611633	21.173 ug/ml
21) T n-Octatriacontane (C38)	20.737	2685641	22.712 ug/ml
22) T n-Tetracontane (C40)	21.618	3578618	31.649 ug/ml

(f)=RT Delta > 1/2 Window

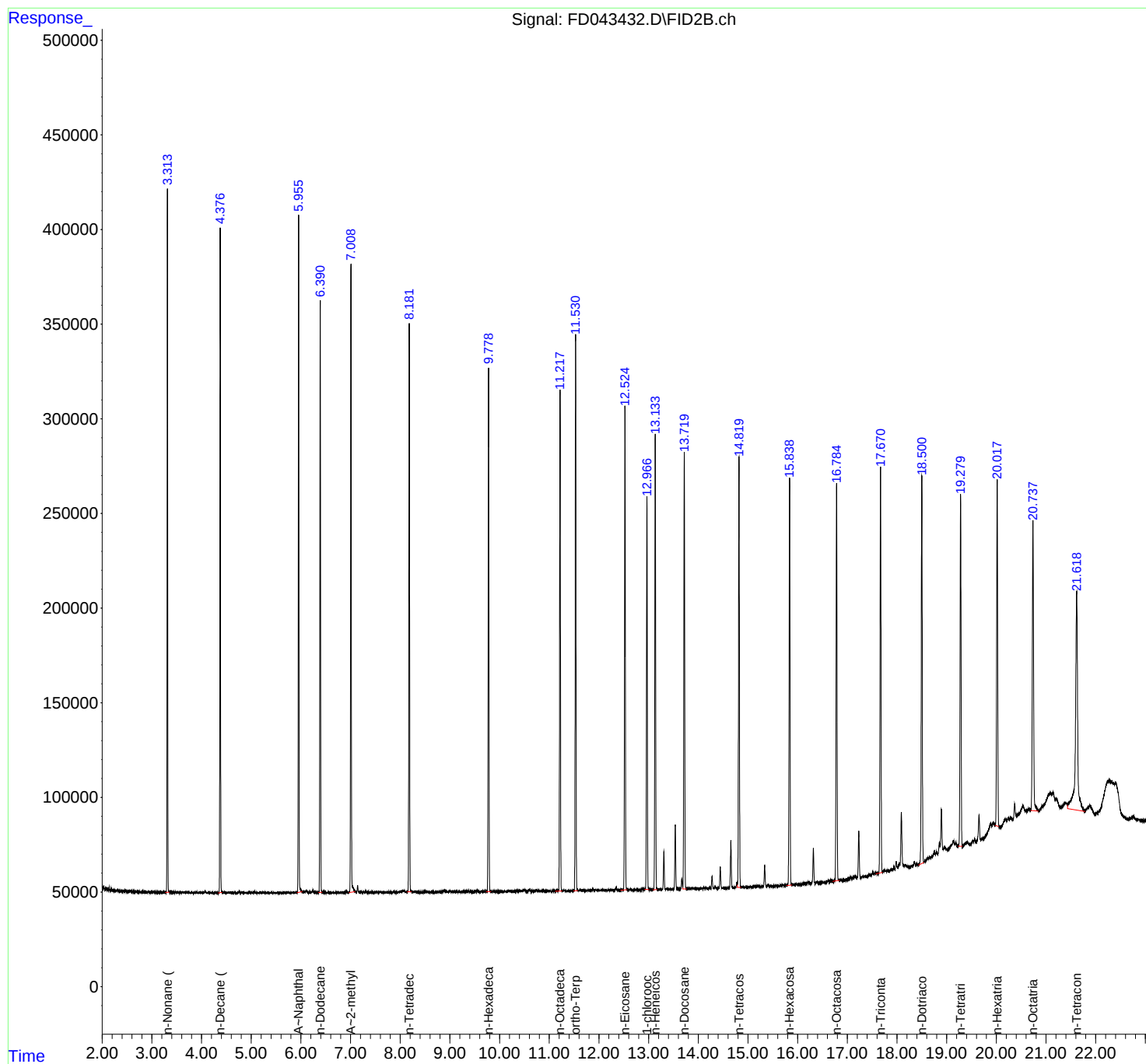
(m)=manual int.

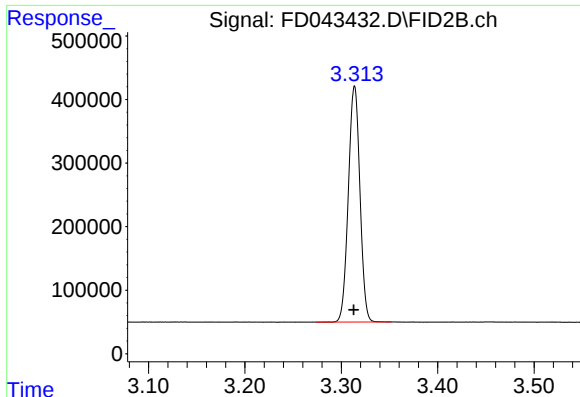
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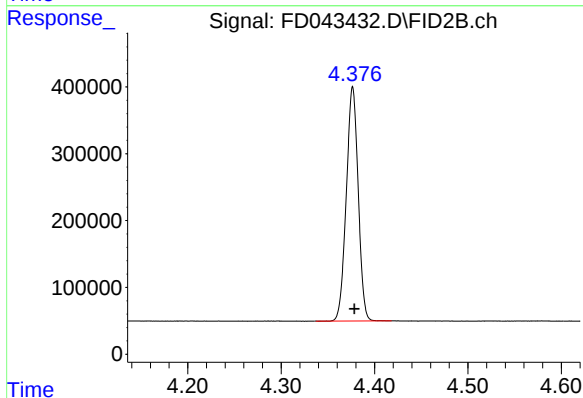




#1 n-Nonane (C9)

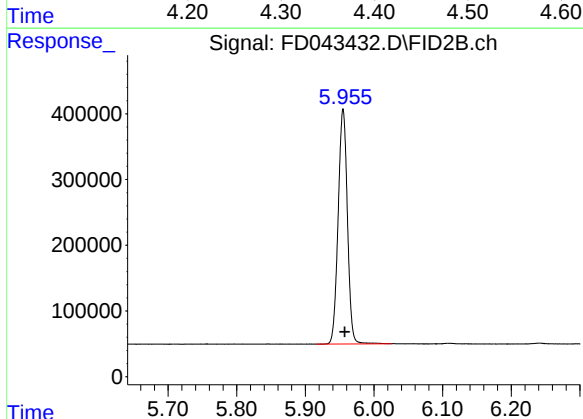
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3078723
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :



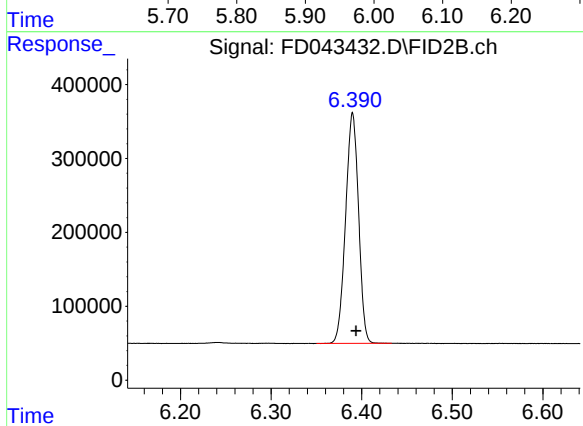
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 3103664
Conc: 22.07 ug/ml



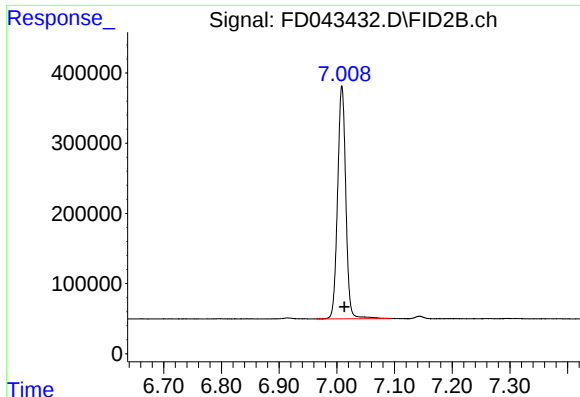
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 3340673
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

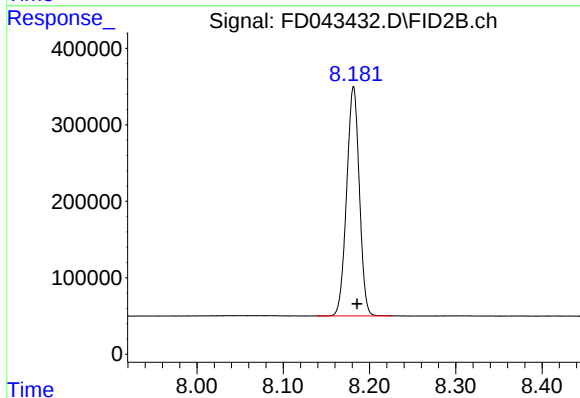
R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 3104326
Conc: 21.81 ug/ml



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

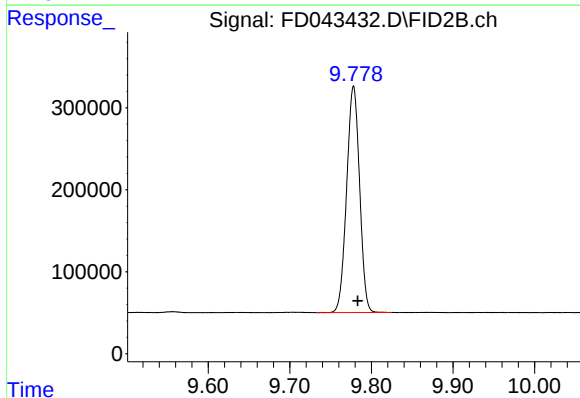
R.T.: 7.009 min
Delta R.T.: -0.004 min
Response: 3283000
Conc: 21.94 ug/ml

Instrument :
FID_C
ClientSampleId :



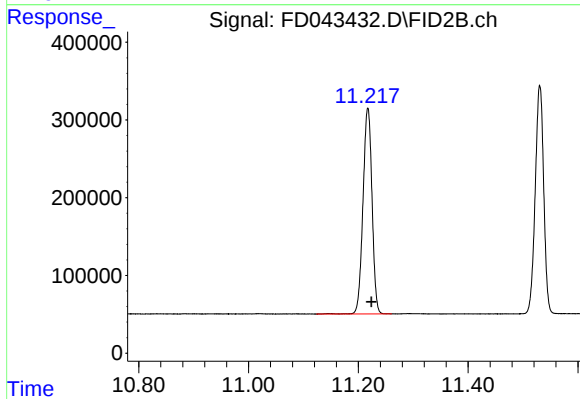
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 3066870
Conc: 21.62 ug/ml



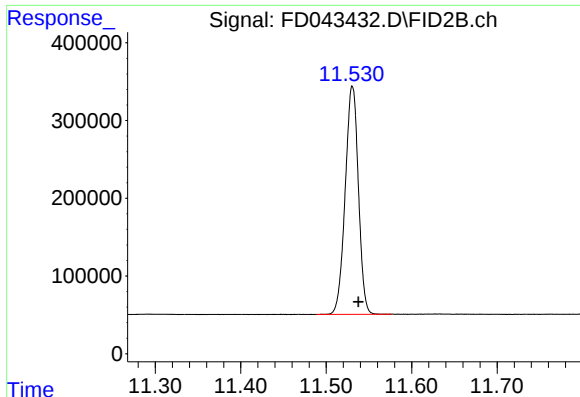
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.005 min
Response: 3049071
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

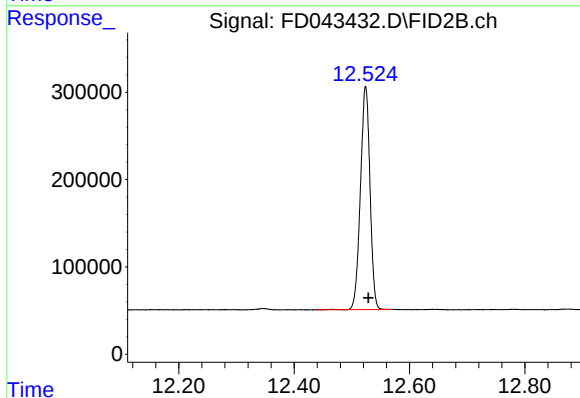
R.T.: 11.217 min
Delta R.T.: -0.006 min
Response: 3022028
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

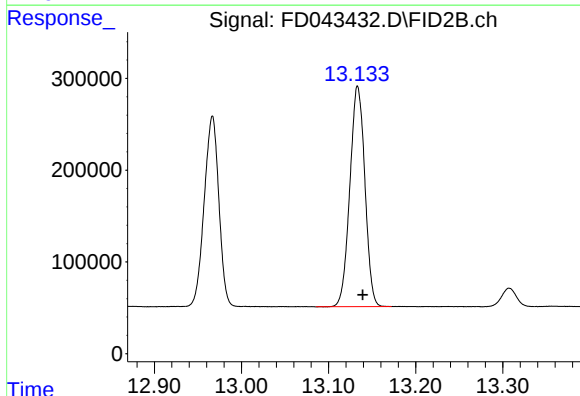
R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 3149225
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



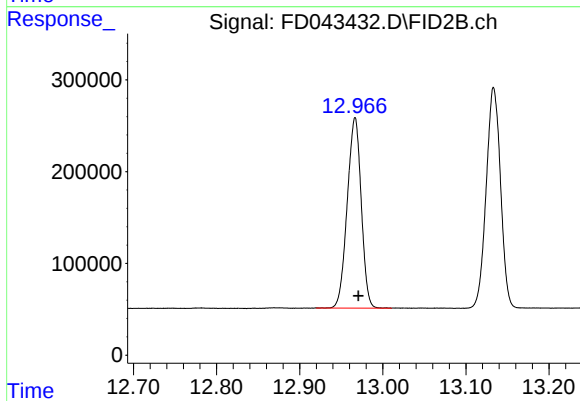
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.005 min
Response: 2938606
Conc: 20.30 ug/ml



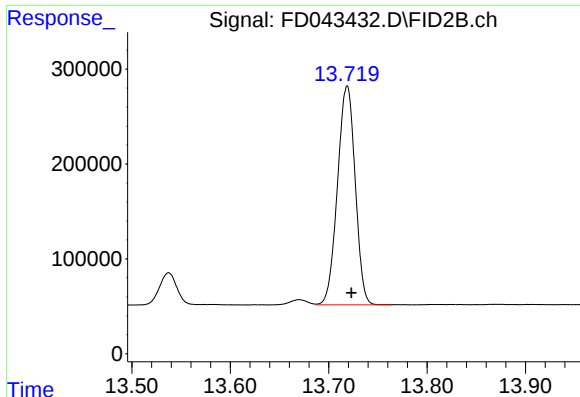
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.006 min
Response: 2876954
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

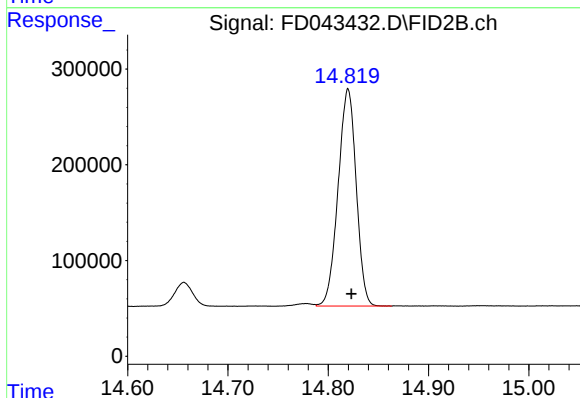
R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 2425699
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

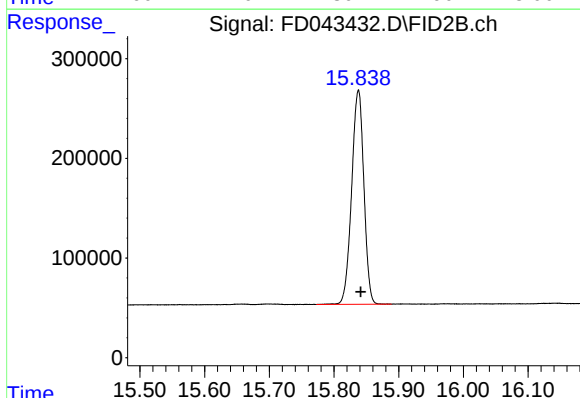
R.T.: 13.719 min
Delta R.T.: -0.004 min
Response: 2886659
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :



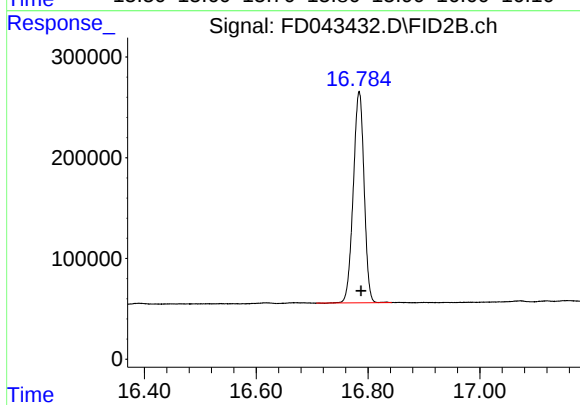
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 2844465
Conc: 19.63 ug/ml



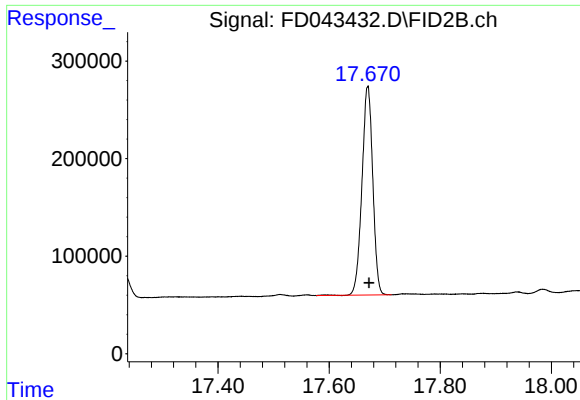
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.003 min
Response: 2818670
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

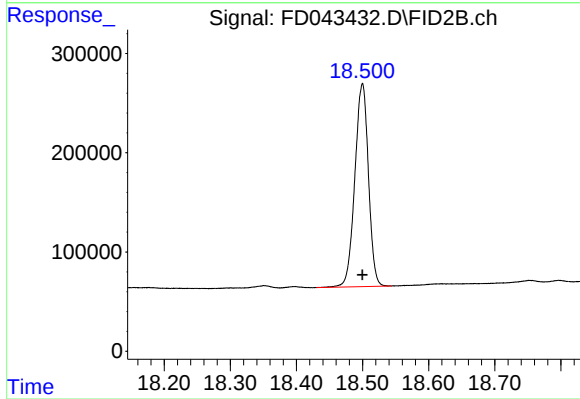
R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 2819339
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

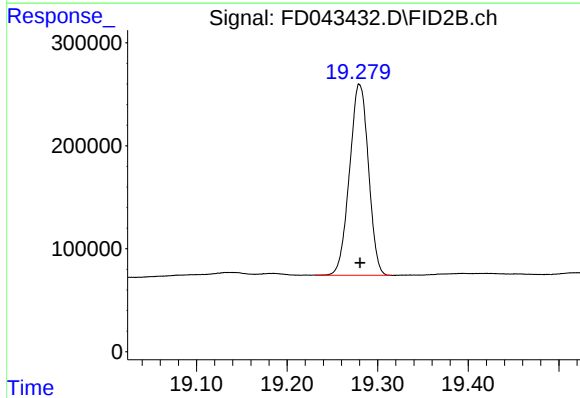
R.T.: 17.670 min
Delta R.T.: -0.002 min
Response: 2895125
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



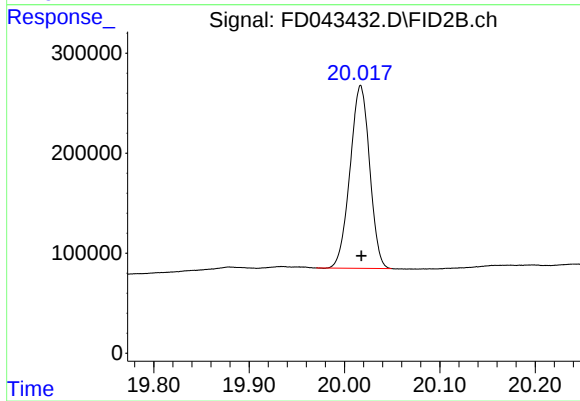
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2923496
Conc: 21.14 ug/ml



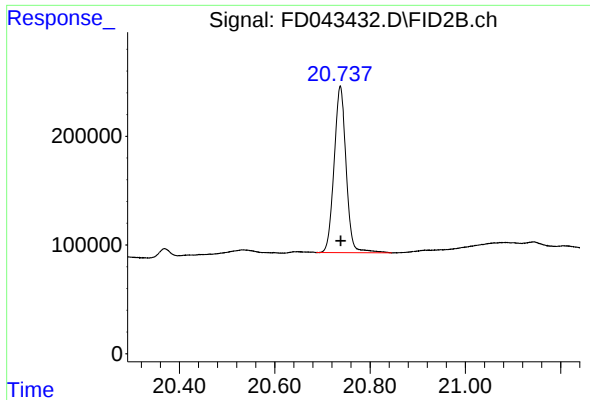
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.000 min
Response: 2697640
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

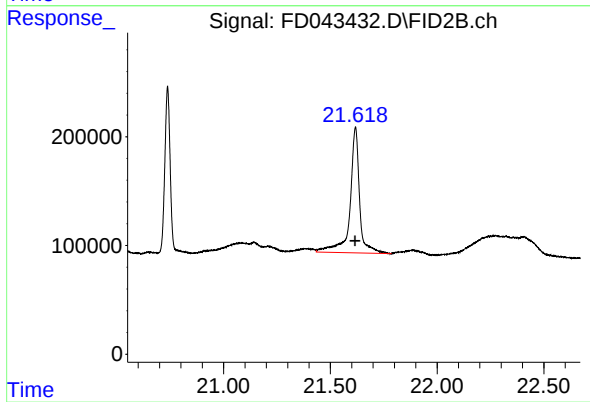
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 2611633
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 2685641
Conc: 22.71 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.002 min
Response: 3578618
Conc: 31.65 ug/ml