

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081823AL\
 Data File : FC064362.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 11:40
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 13:14:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:04:15 2023
 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)	11.517	10900359	50.679 ug/ml
Spiked Amount 50.000		Recovery =	101.36%
12) S 1-chlorooctadecane (S...	12.950	7860985	50.662 ug/ml
Spiked Amount 50.000		Recovery =	101.32%
Target Compounds			
1) T n-Nonane (C9)	3.310	9259721	51.759 ug/ml
2) T n-Decane (C10)	4.367	9247999	51.960 ug/ml
3) T A~Naphthalene (C11.7)	5.945	10002847	54.104 ug/ml
4) T n-Dodecane (C12)	6.378	9336788	51.345 ug/ml
5) T A~2-methylnaphthalene...	6.999	9753804	54.815 ug/ml
6) T n-Tetradecane (C14)	8.167	9101676	51.436 ug/ml
7) T n-Hexadecane (C16)	9.764	9071274	51.274 ug/ml
8) T n-Octadecane (C18)	11.202	8989579	50.557 ug/ml
10) T n-Eicosane (C20)	12.507	8619477	50.285 ug/ml
11) T n-Heneicosane (C21)	13.117	8469408	50.164 ug/ml
13) T n-Docosane (C22)	13.700	8319928	50.334 ug/ml
14) T n-Tetracosane (C24)	14.799	8126059	50.427 ug/ml
15) T n-Hexacosane (C26)	15.817	7864040	50.258 ug/ml
16) T n-Octacosane (C28)	16.762	7536933	50.315 ug/ml
17) T n-Tricontane (C30)	17.646	7397875	50.209 ug/ml
18) T n-Dotriacontane (C32)	18.475	7115251	50.112 ug/ml
19) T n-Tetratriacontane (C34)	19.256	6761377	50.286 ug/ml
20) T n-Hexatriacontane (C36)	19.992	6513196	50.547 ug/ml
21) T n-Octatriacontane (C38)	20.713	6307938	50.960 ug/ml
22) T n-Tetracontane (C40)	21.596	6098322	51.805 ug/ml

(f)=RT Delta > 1/2 Window

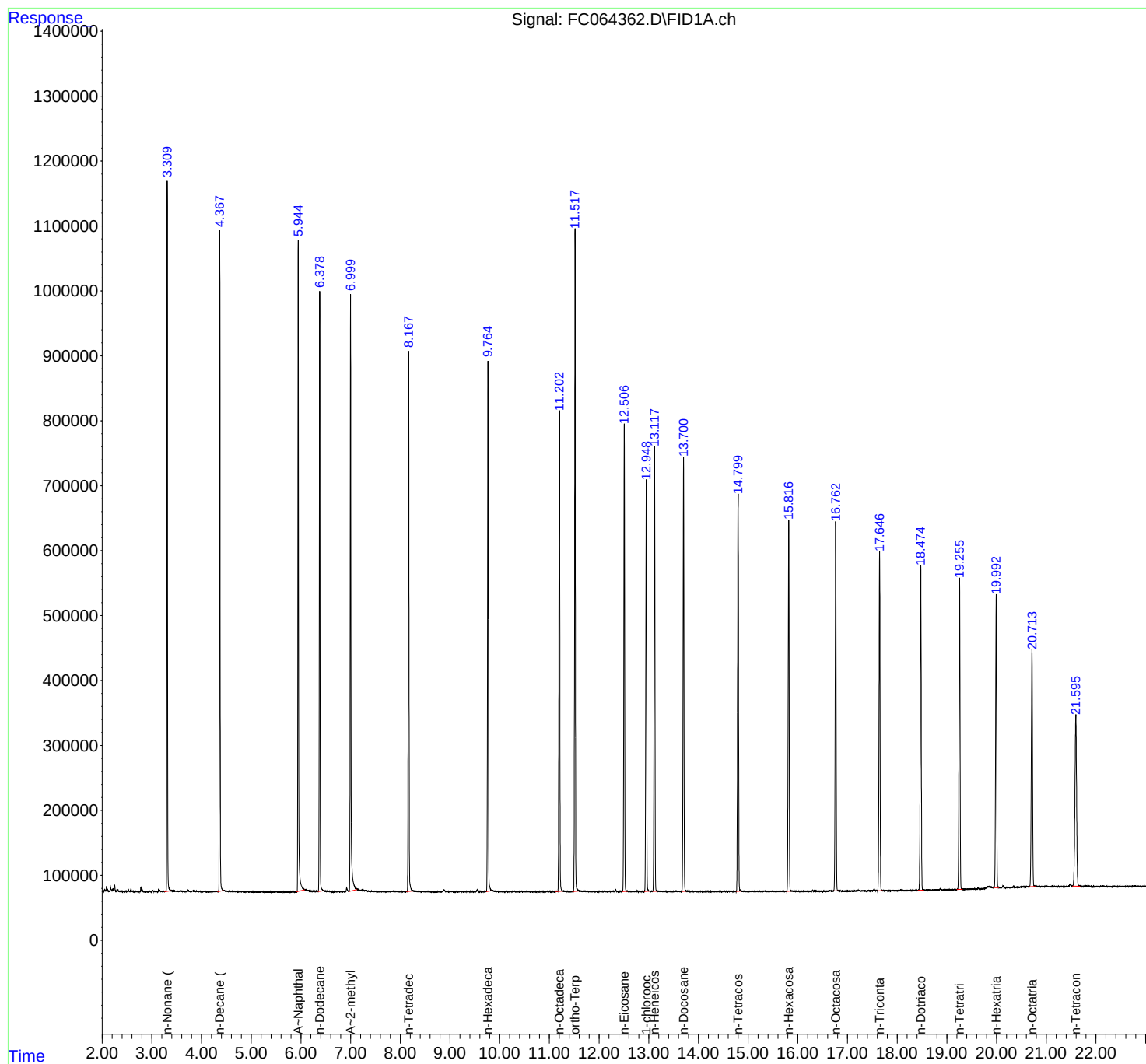
(m)=manual int.

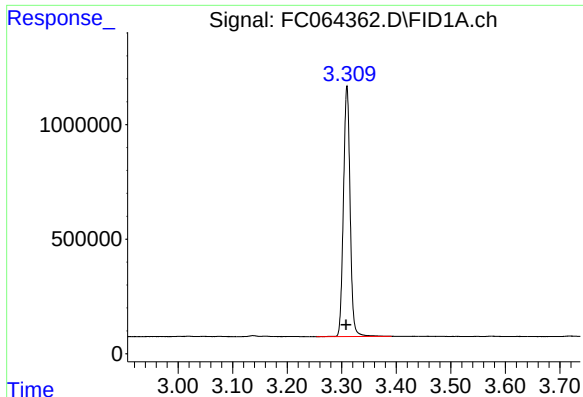
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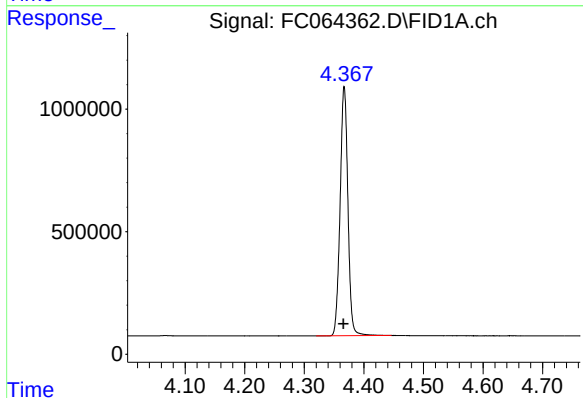




#1 n-Nonane (C9)

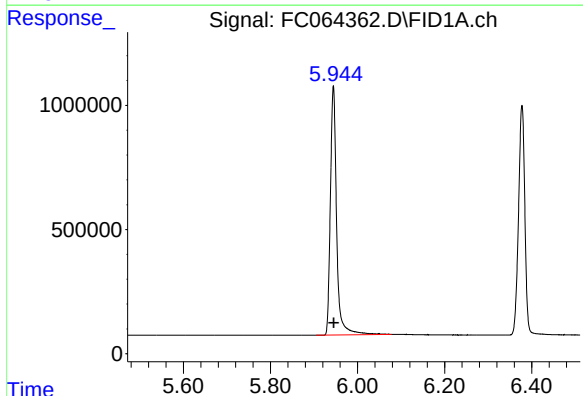
R.T.: 3.310 min
Delta R.T.: 0.002 min
Response: 9259721
Conc: 51.76 ug/ml

Instrument :
FID_C
ClientSampleId :



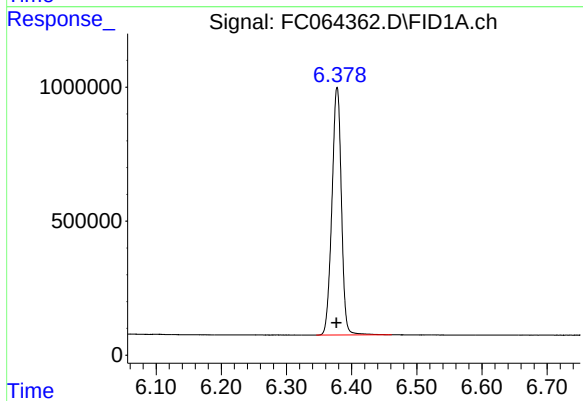
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 9247999
Conc: 51.96 ug/ml



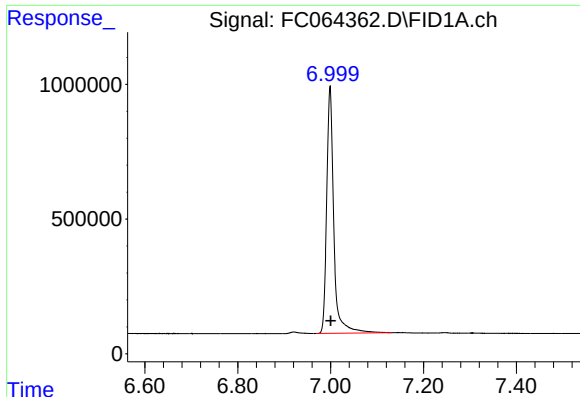
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 10002847
Conc: 54.10 ug/ml



#4 n-Dodecane (C12)

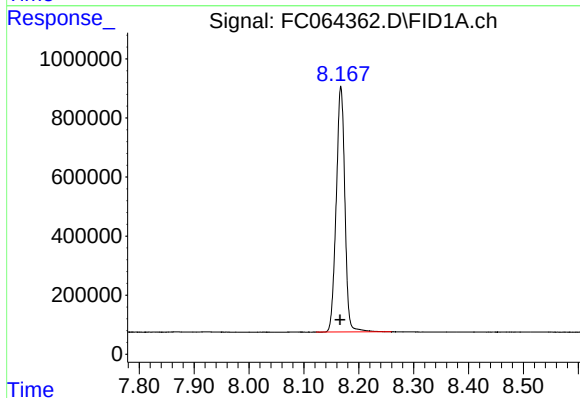
R.T.: 6.378 min
Delta R.T.: 0.001 min
Response: 9336788
Conc: 51.34 ug/ml



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

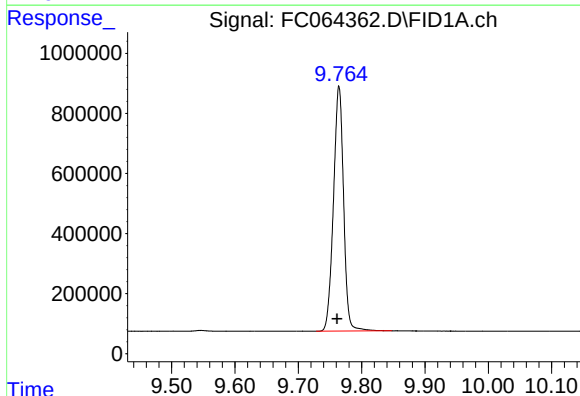
R.T.: 6.999 min
Delta R.T.: -0.002 min
Response: 9753804
Conc: 54.82 ug/ml

Instrument :
FID_C
ClientSampleId :



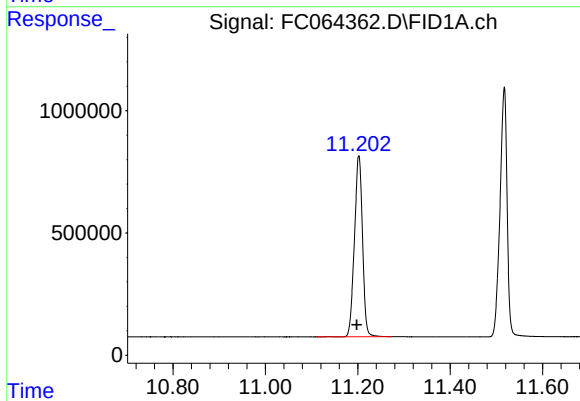
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.002 min
Response: 9101676
Conc: 51.44 ug/ml



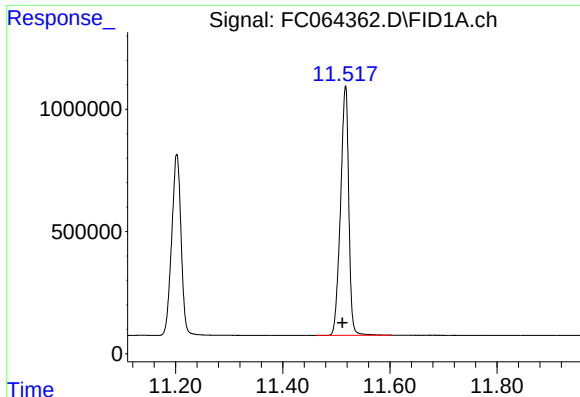
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.003 min
Response: 9071274
Conc: 51.27 ug/ml



#8 n-Octadecane (C18)

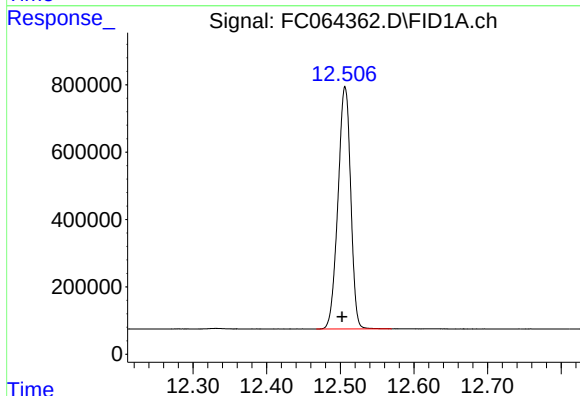
R.T.: 11.202 min
Delta R.T.: 0.004 min
Response: 8989579
Conc: 50.56 ug/ml



#9 ortho-Terphenyl (SURR)

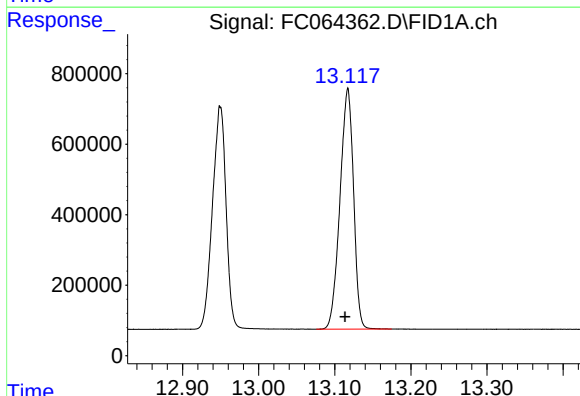
R.T.: 11.517 min
Delta R.T.: 0.006 min
Response: 10900359
Conc: 50.68 ug/ml

Instrument :
FID_C
ClientSampleId :



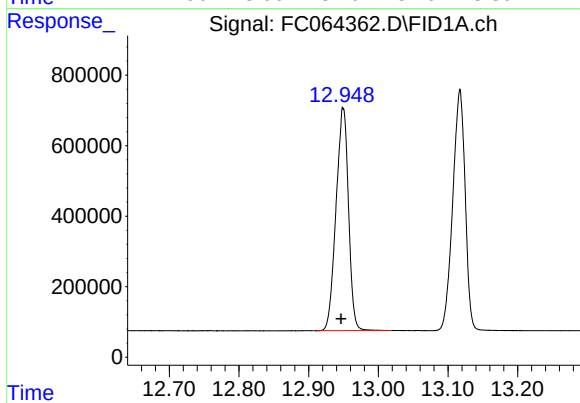
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.004 min
Response: 8619477
Conc: 50.28 ug/ml



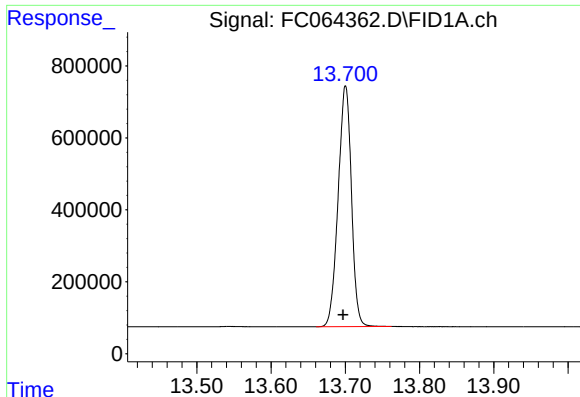
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.004 min
Response: 8469408
Conc: 50.16 ug/ml



#12 1-chlorooctadecane (SURR)

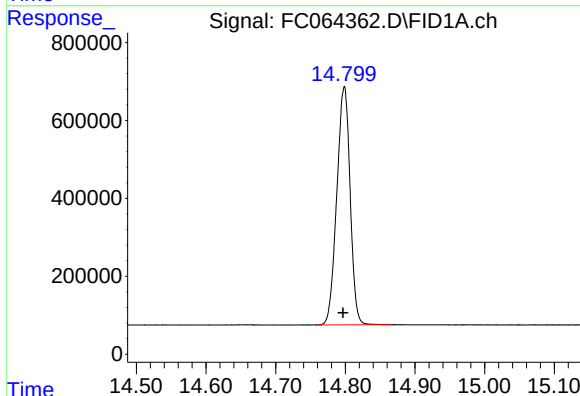
R.T.: 12.950 min
Delta R.T.: 0.003 min
Response: 7860985
Conc: 50.66 ug/ml



#13 n-Docosane (C22)

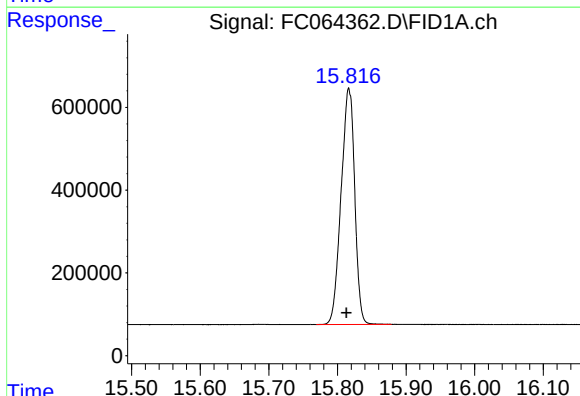
R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 8319928
Conc: 50.33 ug/ml

Instrument :
FID_C
ClientSampleId :



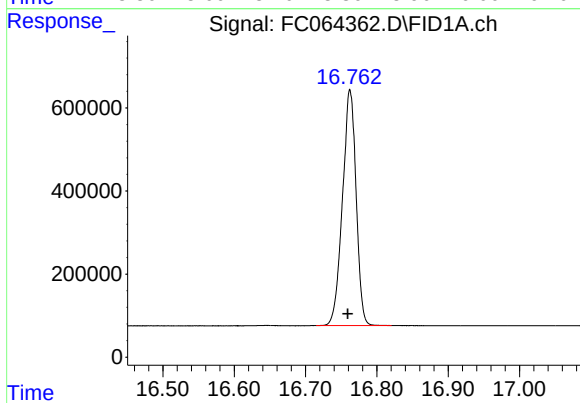
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.002 min
Response: 8126059
Conc: 50.43 ug/ml



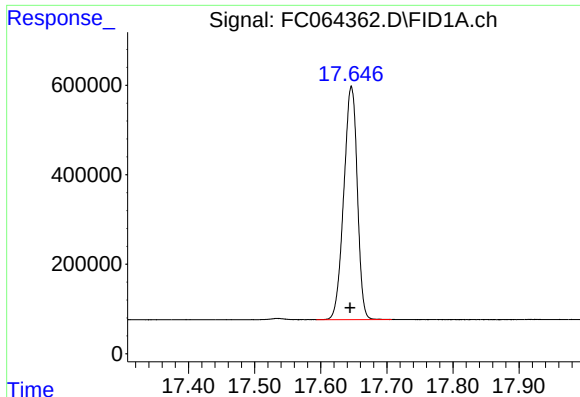
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.003 min
Response: 7864040
Conc: 50.26 ug/ml



#16 n-Octacosane (C28)

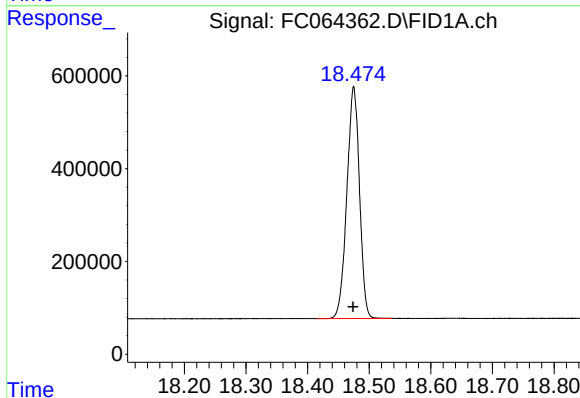
R.T.: 16.762 min
Delta R.T.: 0.003 min
Response: 7536933
Conc: 50.32 ug/ml



#17 n-Tricontane (C30)

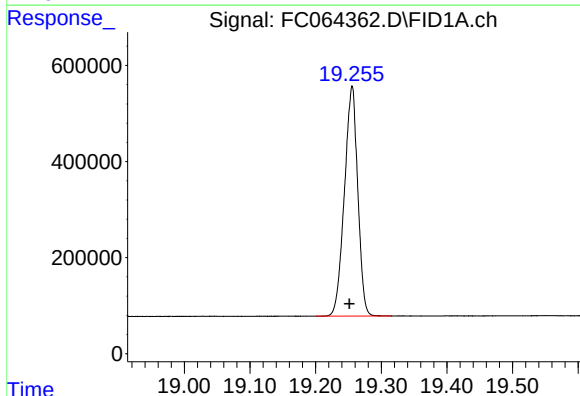
R.T.: 17.646 min
Delta R.T.: 0.002 min
Response: 7397875
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :



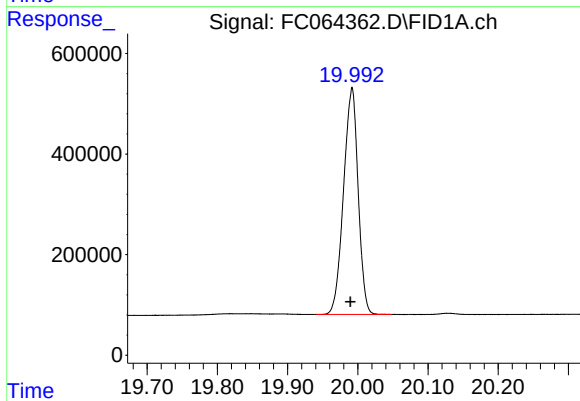
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.001 min
Response: 7115251
Conc: 50.11 ug/ml



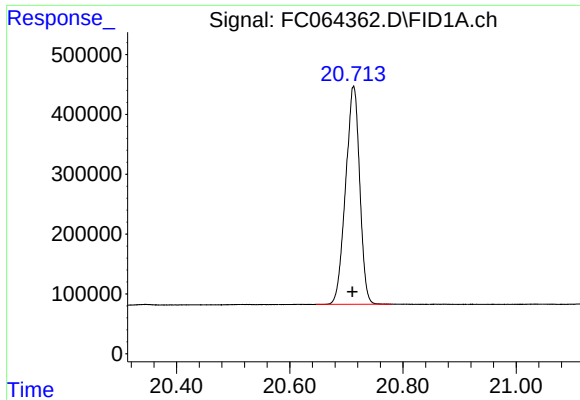
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.004 min
Response: 6761377
Conc: 50.29 ug/ml



#20 n-Hexatriacontane (C36)

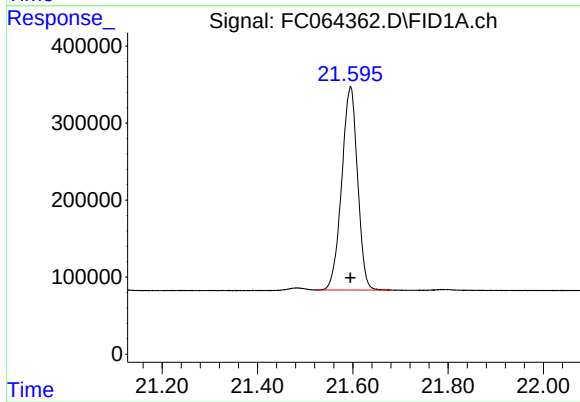
R.T.: 19.992 min
Delta R.T.: 0.003 min
Response: 6513196
Conc: 50.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.002 min
Response: 6307938
Conc: 50.96 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 6098322
Conc: 51.80 ug/ml