

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100523AL\
 Data File : FC064748.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 15:51
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 23:54:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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			
12) S 1-chlorooctadecane (S...	12.953	3364498	23.099 ug/ml
Spiked Amount 50.000		Recovery =	46.20%
Target Compounds			
1) T n-Nonane (C9)	3.330	218511	1.236 ug/ml
2) T n-Decane (C10)	4.388	262704	1.462 ug/ml
4) T n-Dodecane (C12)	6.395	426269	2.347 ug/ml
6) T n-Tetradecane (C14)	8.183	369194	2.081 ug/ml
7) T n-Hexadecane (C16)	9.777	339427	1.888 ug/ml
8) T n-Octadecane (C18)	11.210	393053	2.171 ug/ml
10) T n-Eicosane (C20)	12.512	413184	2.426 ug/ml
11) T n-Heneicosane (C21)	13.120	393513	2.376 ug/ml
13) T n-Docosane (C22)	13.706	379789	2.331 ug/ml
14) T n-Tetracosane (C24)	14.803	373101	2.350 ug/ml
15) T n-Hexacosane (C26)	15.820	355779	2.331 ug/ml
16) T n-Octacosane (C28)	16.764	345753	2.336 ug/ml
17) T n-Tricontane (C30)	17.647	360985	2.430 ug/ml
18) T n-Dotriacontane (C32)	18.474	366045	2.508 ug/ml
19) T n-Tetratriacontane (C34)	19.254	341469	2.402 ug/ml
20) T n-Hexatriacontane (C36)	19.990	313465	2.276 ug/ml
21) T n-Octatriacontane (C38)	20.710	280657	2.048 ug/ml
22) T n-Tetracontane (C40)	21.596	251774	1.851 ug/ml

(f)=RT Delta > 1/2 Window

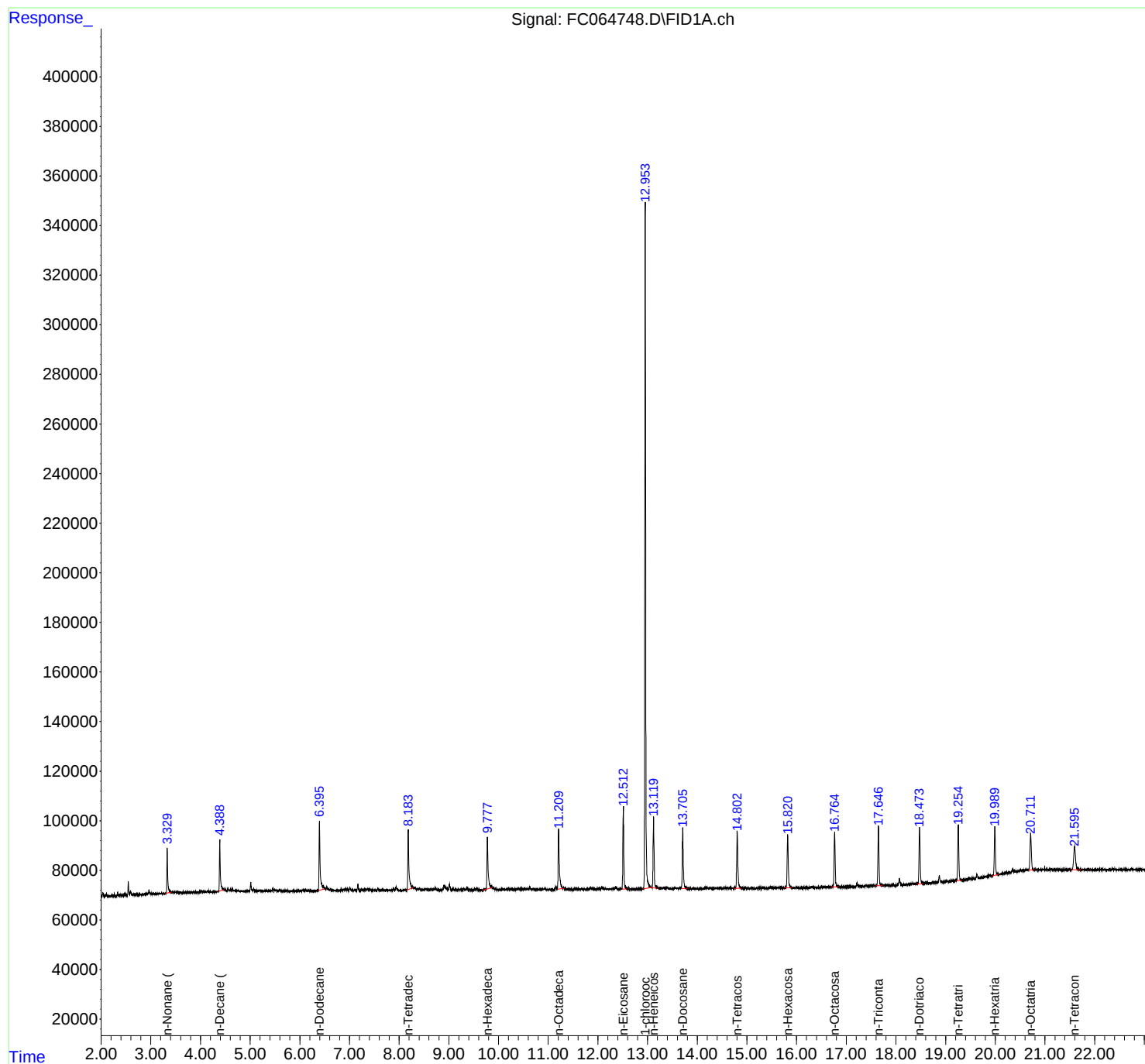
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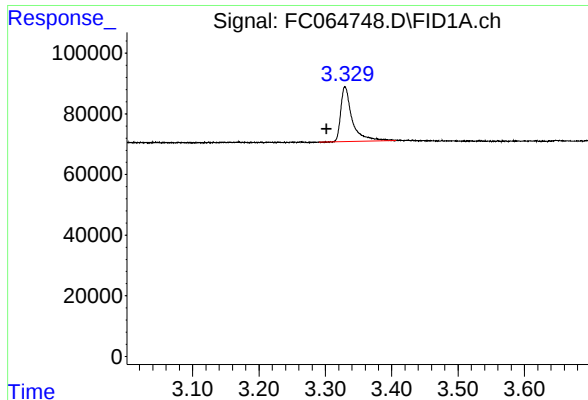
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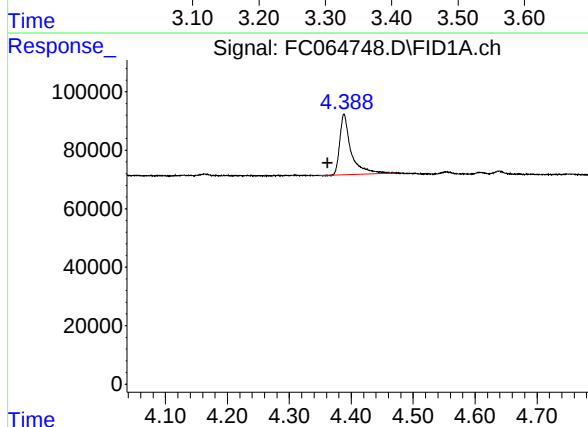




#1 n-Nonane (C9)

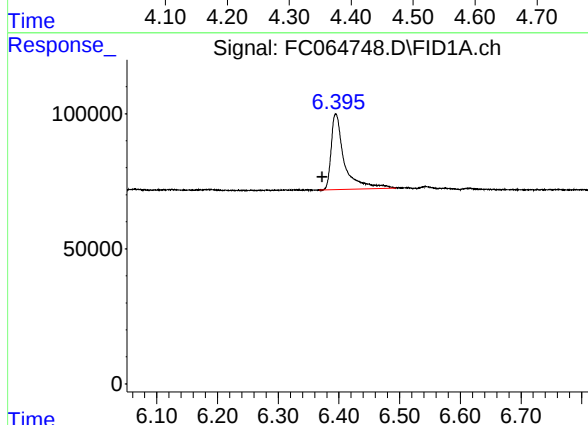
R.T.: 3.330 min
Delta R.T.: 0.028 min
Response: 218511
Conc: 1.24 ug/ml

Instrument :
FID_C
ClientSampleId :



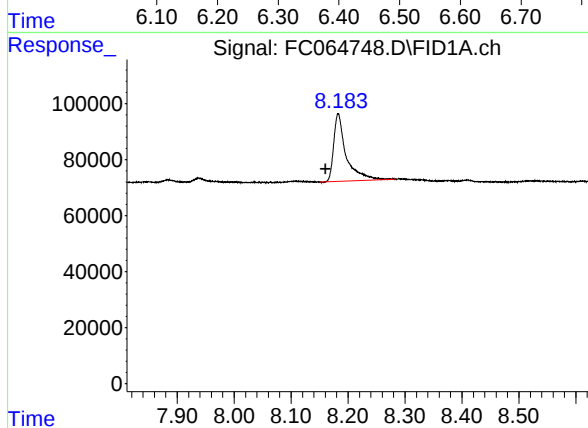
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.026 min
Response: 262704
Conc: 1.46 ug/ml



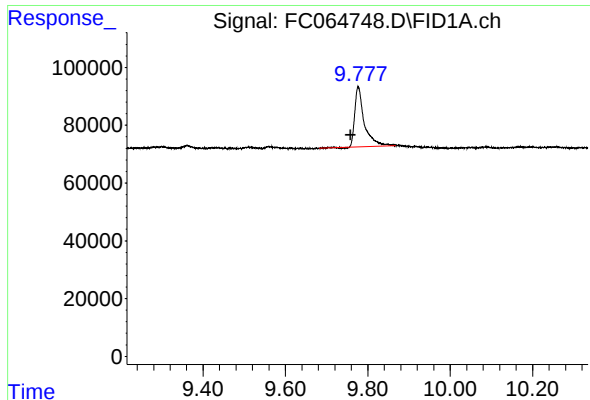
#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.023 min
Response: 426269
Conc: 2.35 ug/ml



#6 n-Tetradecane (C14)

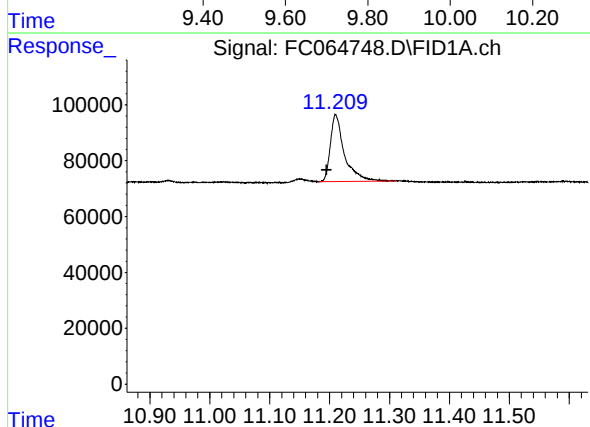
R.T.: 8.183 min
Delta R.T.: 0.022 min
Response: 369194
Conc: 2.08 ug/ml



#7 n-Hexadecane (C16)

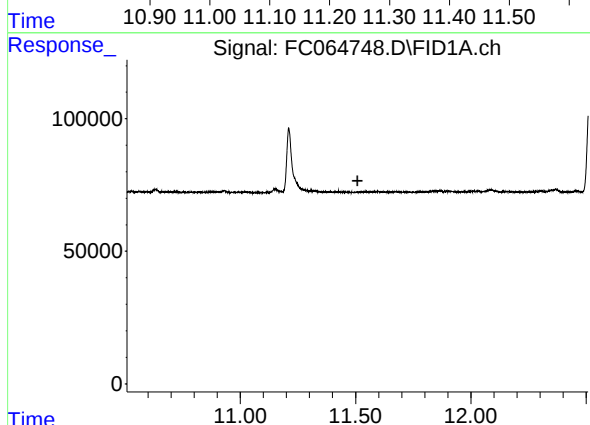
R.T.: 9.777 min
Delta R.T.: 0.018 min
Response: 339427
Conc: 1.89 ug/ml

Instrument :
FID_C
ClientSampleId :



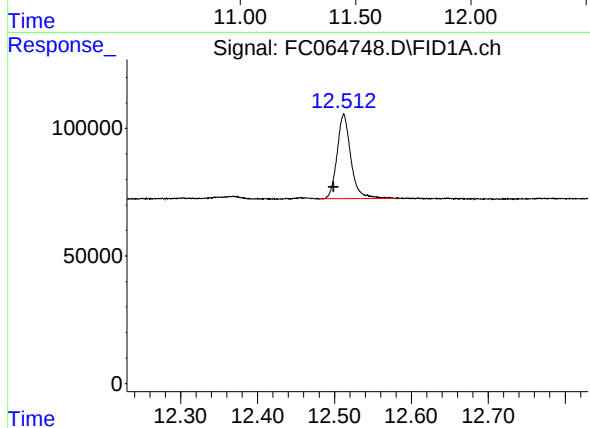
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: 0.015 min
Response: 393053
Conc: 2.17 ug/ml



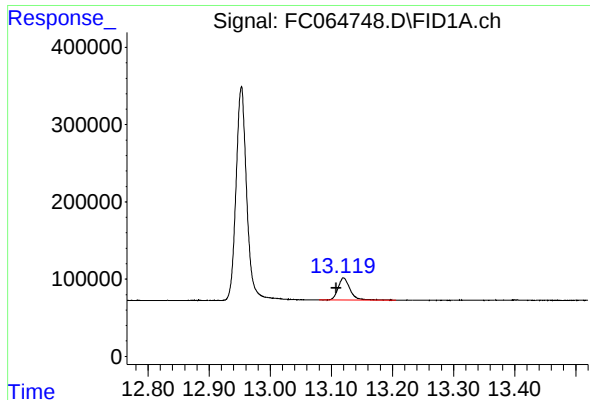
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.013 min
Response: 413184
Conc: 2.43 ug/ml



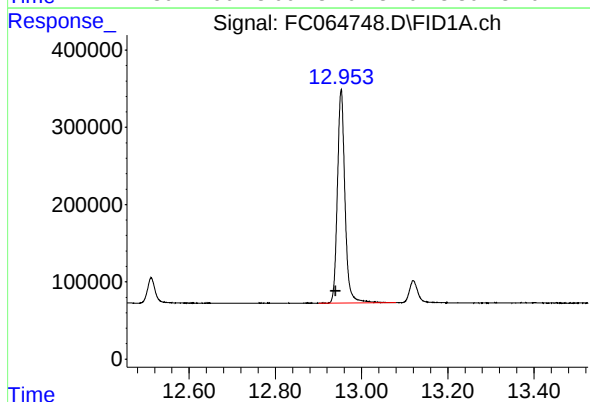
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 393513
Conc: 2.38 ug/ml

Instrument :

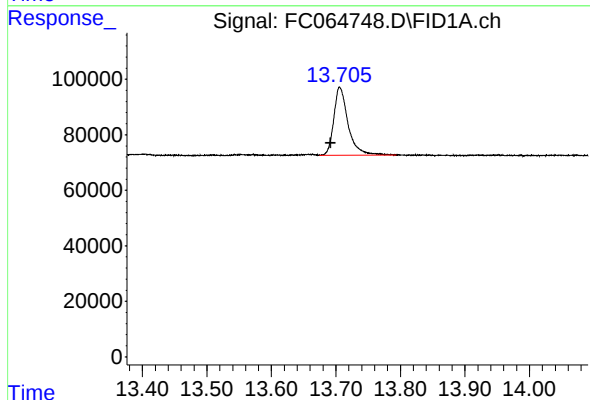
FID_C

ClientSampleId :



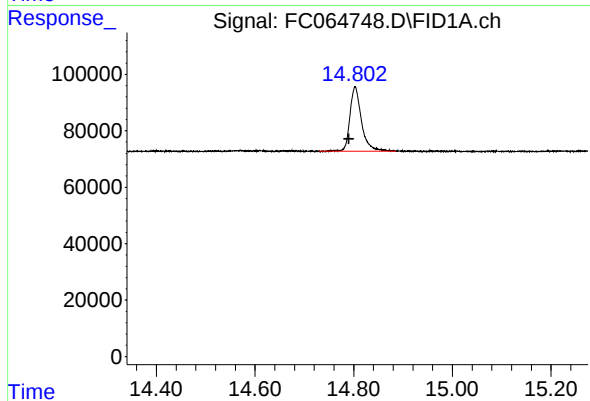
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.012 min
Response: 3364498
Conc: 23.10 ug/ml



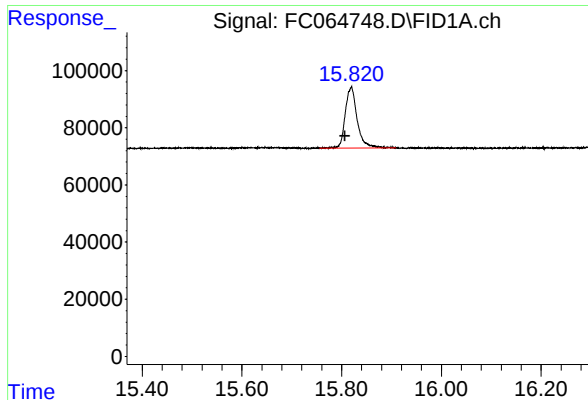
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: 0.014 min
Response: 379789
Conc: 2.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.013 min
Response: 373101
Conc: 2.35 ug/ml



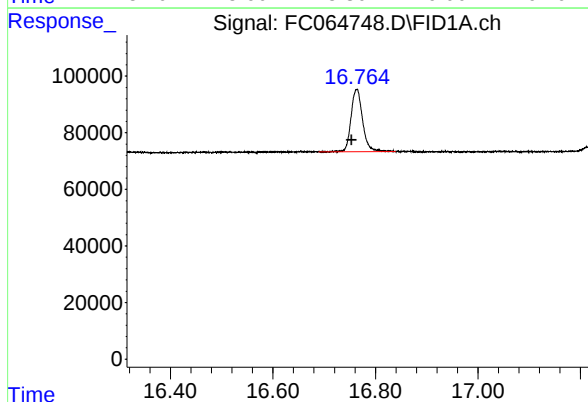
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.013 min
Response: 355779
Conc: 2.33 ug/ml

Instrument :

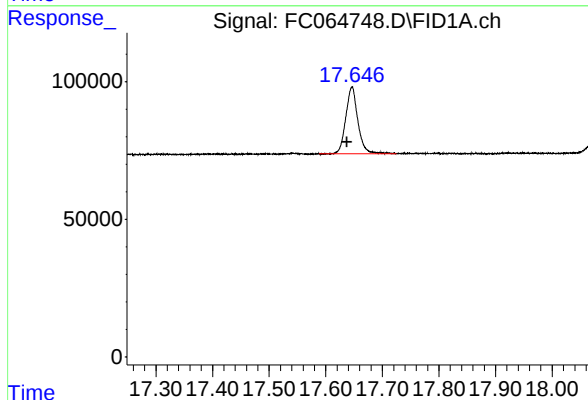
FID_C

ClientSampleId :



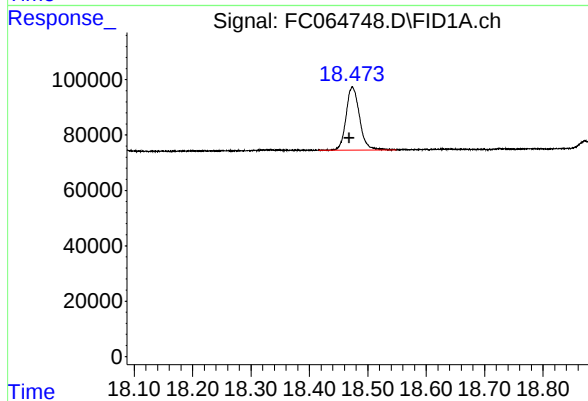
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.010 min
Response: 345753
Conc: 2.34 ug/ml



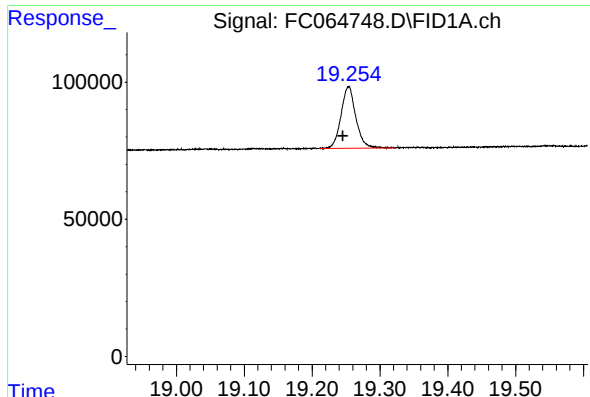
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.009 min
Response: 360985
Conc: 2.43 ug/ml



#18 n-Dotriacontane (C32)

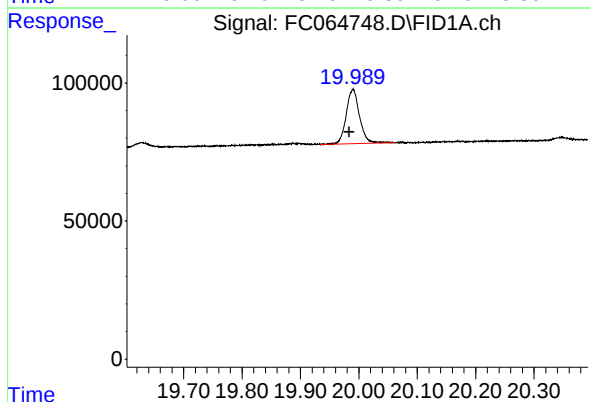
R.T.: 18.474 min
Delta R.T.: 0.006 min
Response: 366045
Conc: 2.51 ug/ml



#19 n-Tetratriacontane (C34)

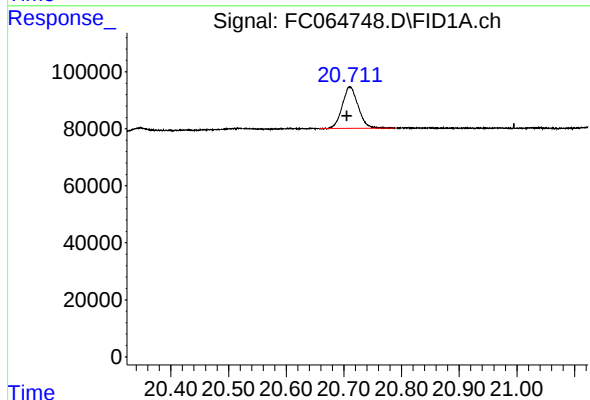
R.T.: 19.254 min
Delta R.T.: 0.008 min
Response: 341469
Conc: 2.40 ug/ml

Instrument :
FID_C
ClientSampleId :



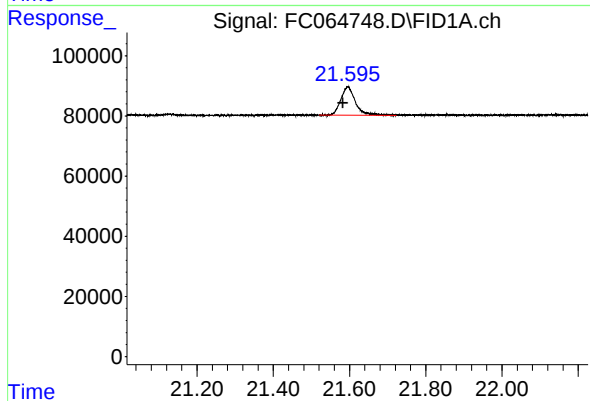
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 313465
Conc: 2.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 280657
Conc: 2.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.012 min
Response: 251774
Conc: 1.85 ug/ml