

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100523AL\
 Data File : FC064746.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 14:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 23:54:17 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			
9) S ortho-Terphenyl (SURR)	11.521	4429357	21.890 ug/ml
Spiked Amount 50.000		Recovery =	43.78%
12) S 1-chlorooctadecane (S...	12.952	3204554	22.001 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
Target Compounds			
1) T n-Nonane (C9)	3.326	3863070	21.860 ug/ml
2) T n-Decane (C10)	4.383	3887804	21.641 ug/ml
3) T A~Naphthalene (C11.7)	5.963	4079894	21.717 ug/ml
4) T n-Dodecane (C12)	6.391	3957241	21.786 ug/ml
5) T A~2-methylnaphthalene...	7.017	3923931	22.003 ug/ml
6) T n-Tetradecane (C14)	8.178	3852361	21.711 ug/ml
7) T n-Hexadecane (C16)	9.771	3838888	21.356 ug/ml
8) T n-Octadecane (C18)	11.207	3819226	21.094 ug/ml
10) T n-Eicosane (C20)	12.511	3635311	21.341 ug/ml
11) T n-Heneicosane (C21)	13.119	3545580	21.407 ug/ml
13) T n-Docosane (C22)	13.703	3506095	21.522 ug/ml
14) T n-Tetracosane (C24)	14.800	3384199	21.317 ug/ml
15) T n-Hexacosane (C26)	15.816	3243489	21.248 ug/ml
16) T n-Octacosane (C28)	16.763	3165403	21.388 ug/ml
17) T n-Tricontane (C30)	17.644	3222092	21.689 ug/ml
18) T n-Dotriacontane (C32)	18.471	3176077	21.763 ug/ml
19) T n-Tetratriacontane (C34)	19.251	3004661	21.135 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2892634	21.002 ug/ml
21) T n-Octatriacontane (C38)	20.708	2784362	20.316 ug/ml
22) T n-Tetracontane (C40)	21.590	2688526	19.765 ug/ml

(f)=RT Delta > 1/2 Window

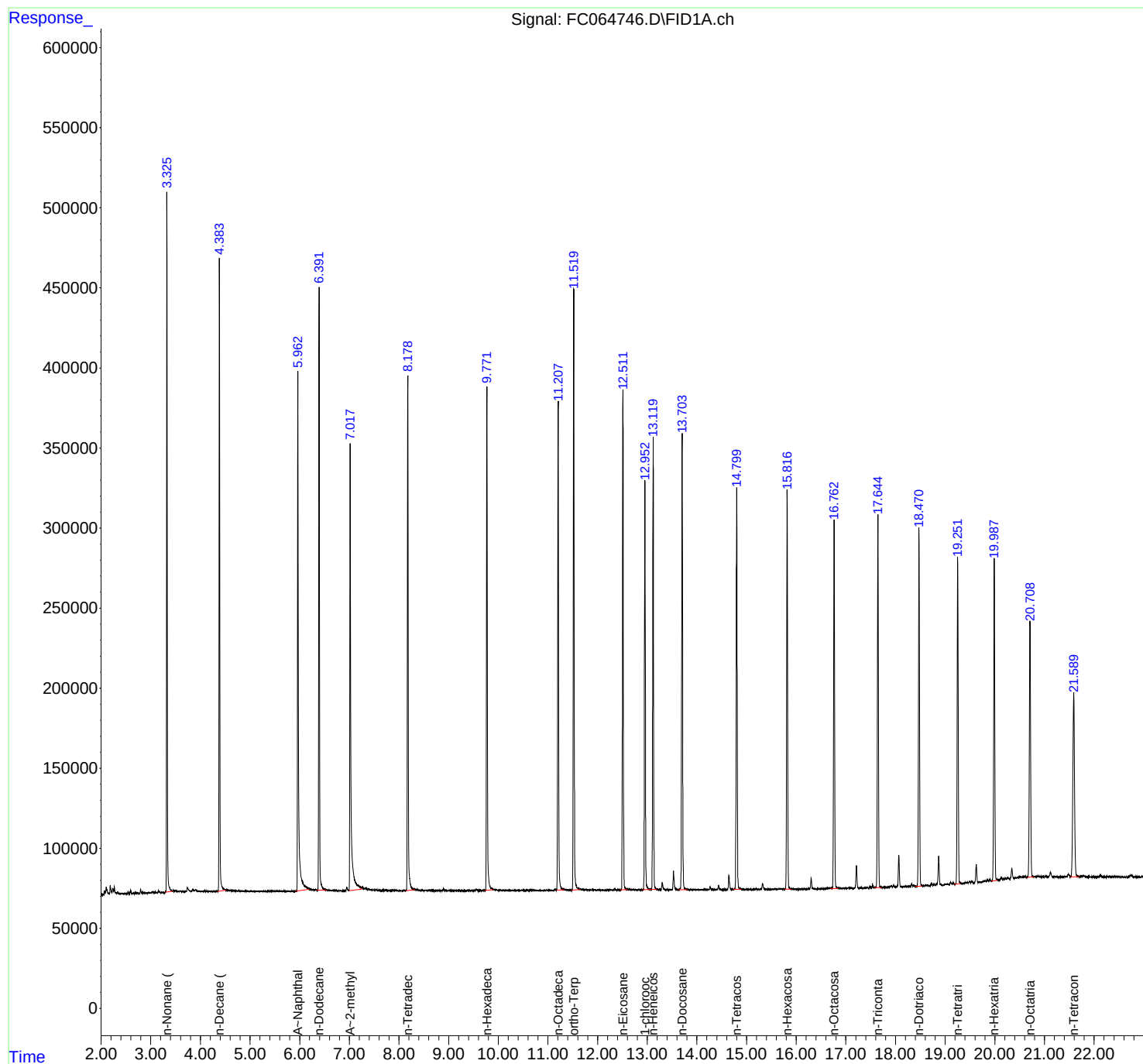
(m)=manual int.

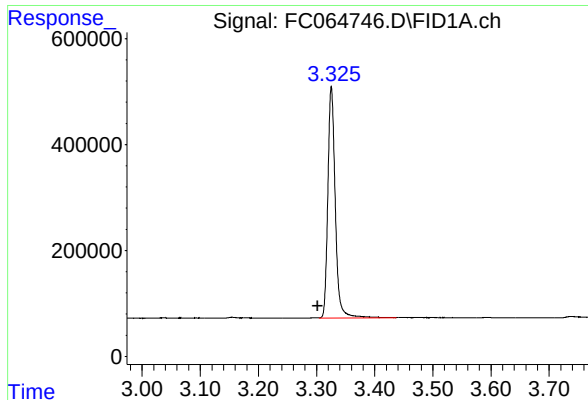
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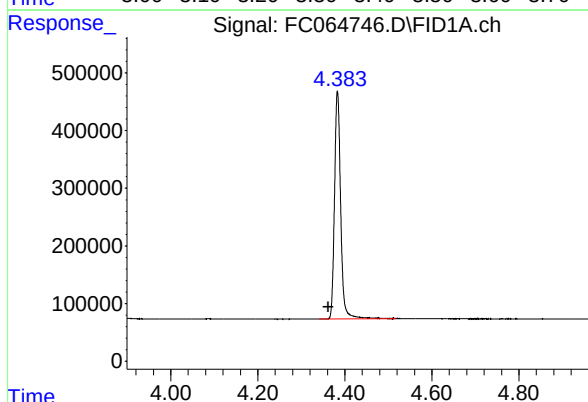
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: 0.024 min
Response: 3863070
Conc: 21.86 ug/ml

Instrument :

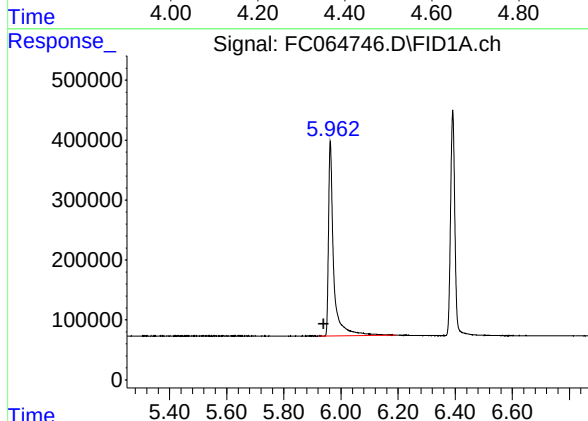
FID_C

ClientSampleId :



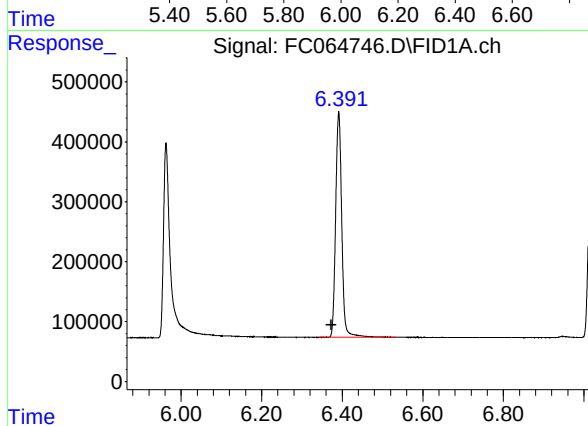
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.021 min
Response: 3887804
Conc: 21.64 ug/ml



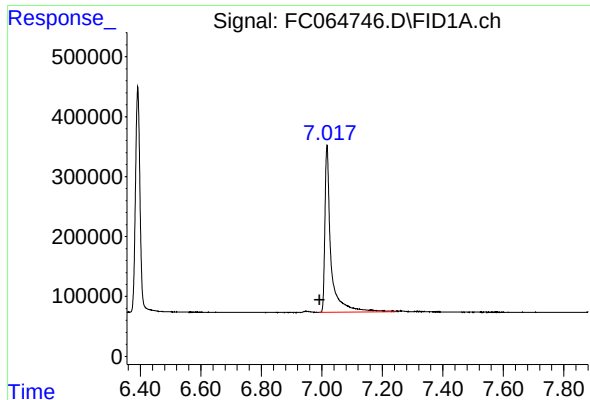
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.024 min
Response: 4079894
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.019 min
Response: 3957241
Conc: 21.79 ug/ml



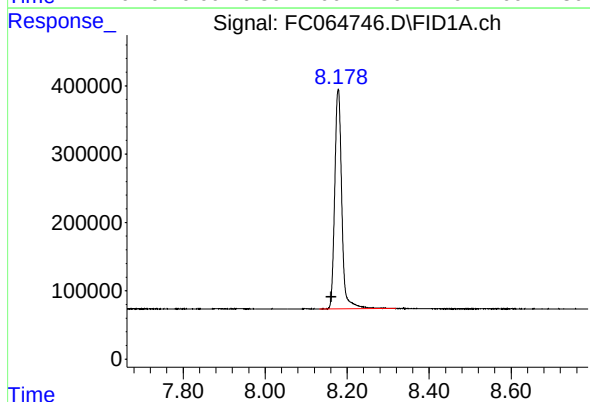
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.025 min
Response: 3923931
Conc: 22.00 ug/ml

Instrument :

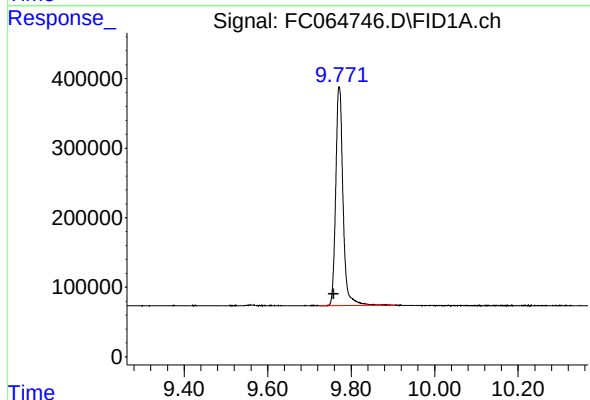
FID_C

ClientSampleId :



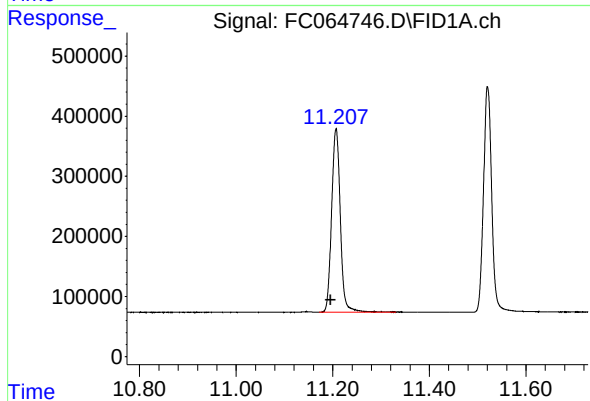
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3852361
Conc: 21.71 ug/ml



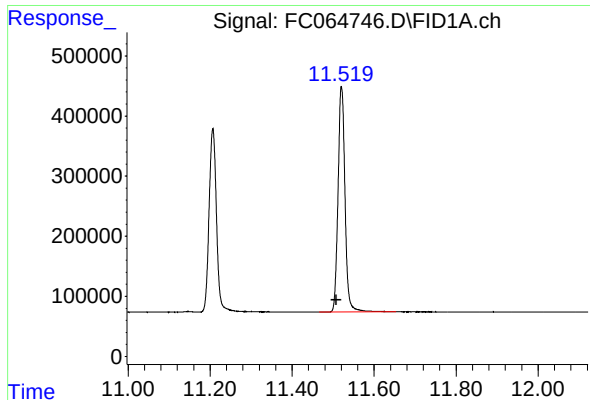
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 3838888
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

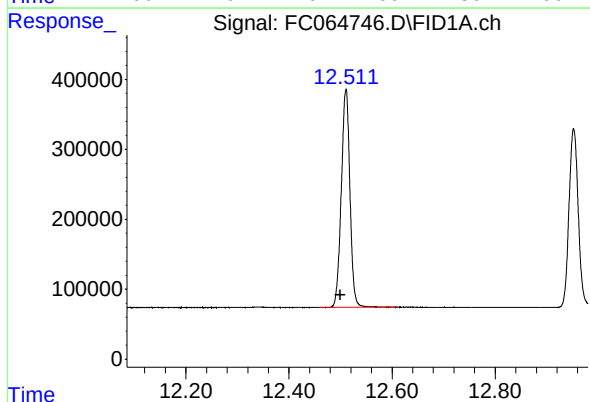
R.T.: 11.207 min
Delta R.T.: 0.011 min
Response: 3819226
Conc: 21.09 ug/ml



#9 ortho-Terphenyl (SURR)

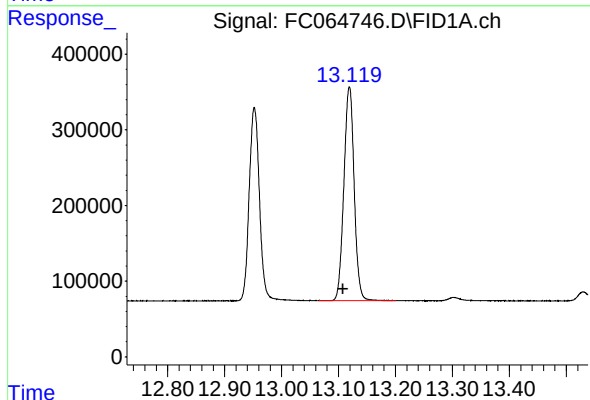
R.T.: 11.521 min
Delta R.T.: 0.012 min
Response: 4429357
Conc: 21.89 ug/ml

Instrument :
FID_C
ClientSampleId :



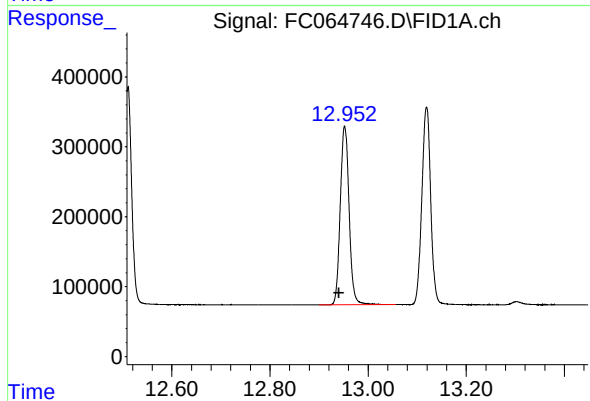
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.011 min
Response: 3635311
Conc: 21.34 ug/ml



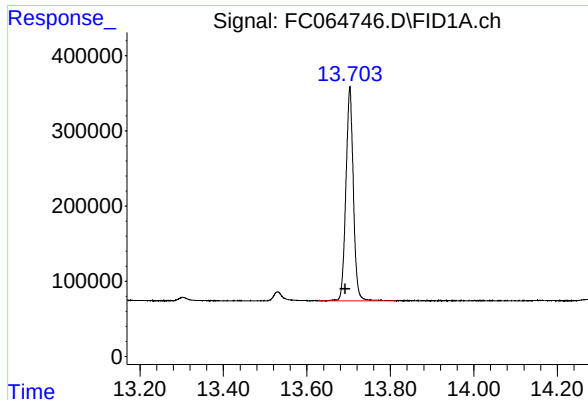
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3545580
Conc: 21.41 ug/ml



#12 1-chlorooctadecane (SURR)

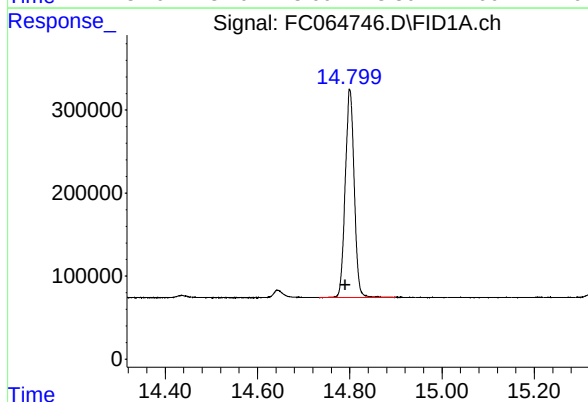
R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 3204554
Conc: 22.00 ug/ml



#13 n-Docosane (C22)

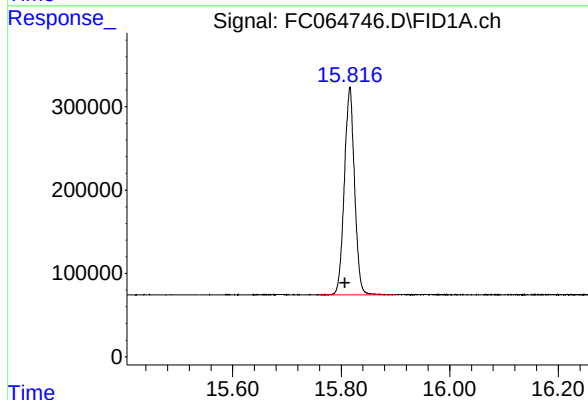
R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 3506095
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :



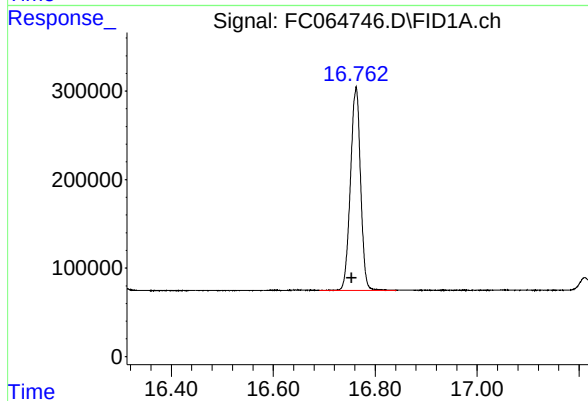
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 3384199
Conc: 21.32 ug/ml



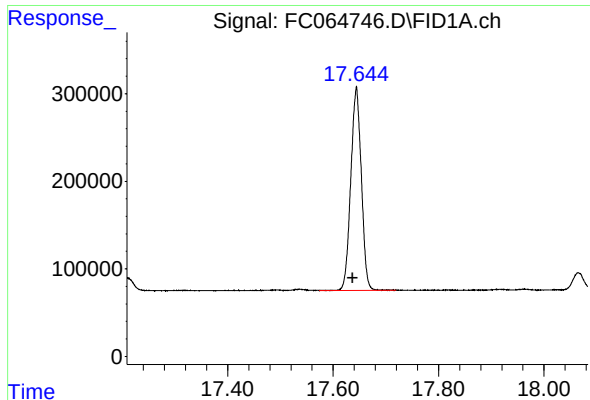
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.009 min
Response: 3243489
Conc: 21.25 ug/ml



#16 n-Octacosane (C28)

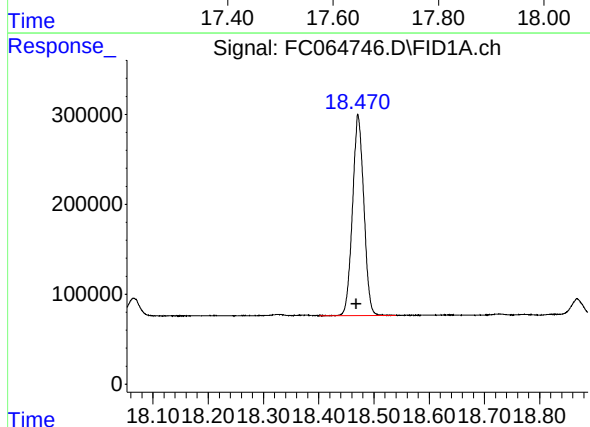
R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 3165403
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

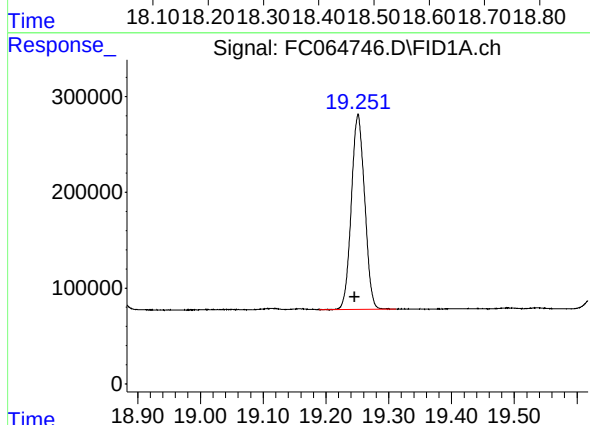
R.T.: 17.644 min
Delta R.T.: 0.007 min
Response: 3222092
Conc: 21.69 ug/ml

Instrument :
FID_C
ClientSampleId :



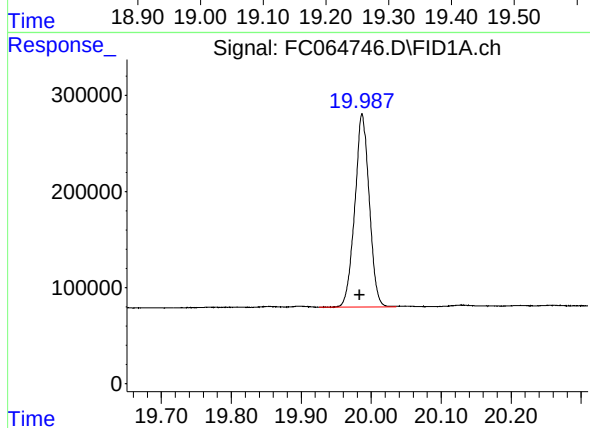
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3176077
Conc: 21.76 ug/ml



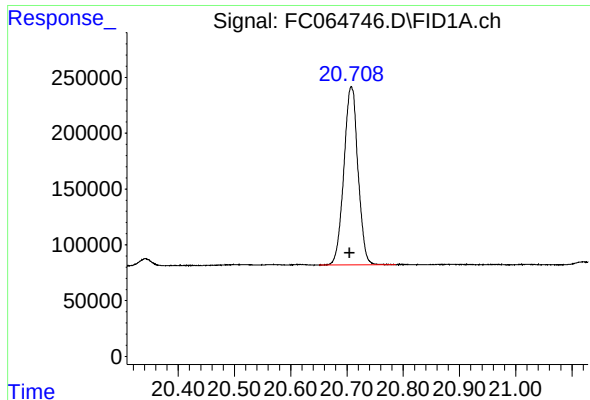
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.006 min
Response: 3004661
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

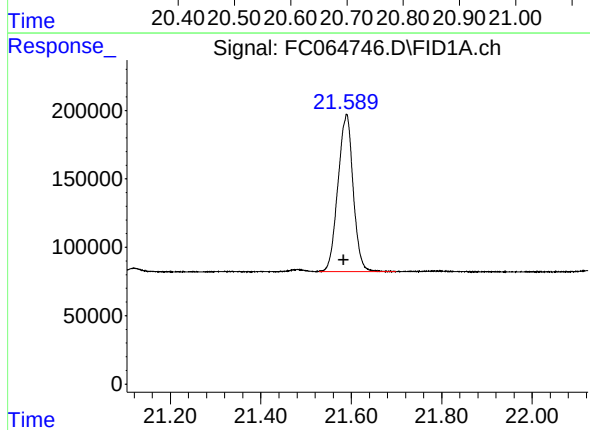
R.T.: 19.987 min
Delta R.T.: 0.003 min
Response: 2892634
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2784362
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.007 min
Response: 2688526
Conc: 19.76 ug/ml