

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082923AL\
 Data File : FC064427.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2023 11:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 29 23:17:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.510	4287147	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	12.943	3142163	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.307	3440132	19.491 ug/ml
2) T n-Decane (C10)	4.365	3503880	19.974 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3695732	19.875 ug/ml
4) T n-Dodecane (C12)	6.375	3561112	19.979 ug/ml
5) T A~2-methylnaphthalene...	6.997	3621391	20.358 ug/ml
6) T n-Tetradecane (C14)	8.164	3523342	20.196 ug/ml
7) T n-Hexadecane (C16)	9.760	3573567	20.679 ug/ml
8) T n-Octadecane (C18)	11.197	3631855	20.744 ug/ml
10) T n-Eicosane (C20)	12.501	3485262	20.603 ug/ml
11) T n-Heneicosane (C21)	13.110	3417182	20.474 ug/ml
13) T n-Docosane (C22)	13.695	3355870	20.574 ug/ml
14) T n-Tetracosane (C24)	14.793	3241072	20.352 ug/ml
15) T n-Hexacosane (C26)	15.809	3112155	20.144 ug/ml
16) T n-Octacosane (C28)	16.757	3024531	20.429 ug/ml
17) T n-Tricontane (C30)	17.640	3085720	21.125 ug/ml
18) T n-Dotriacontane (C32)	18.469	3026551	21.426 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2828103	21.166 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2673633	20.894 ug/ml
21) T n-Octatriacontane (C38)	20.708	2566686	20.902 ug/ml
22) T n-Tetracontane (C40)	21.588	2508777	21.603 ug/ml

(f)=RT Delta > 1/2 Window

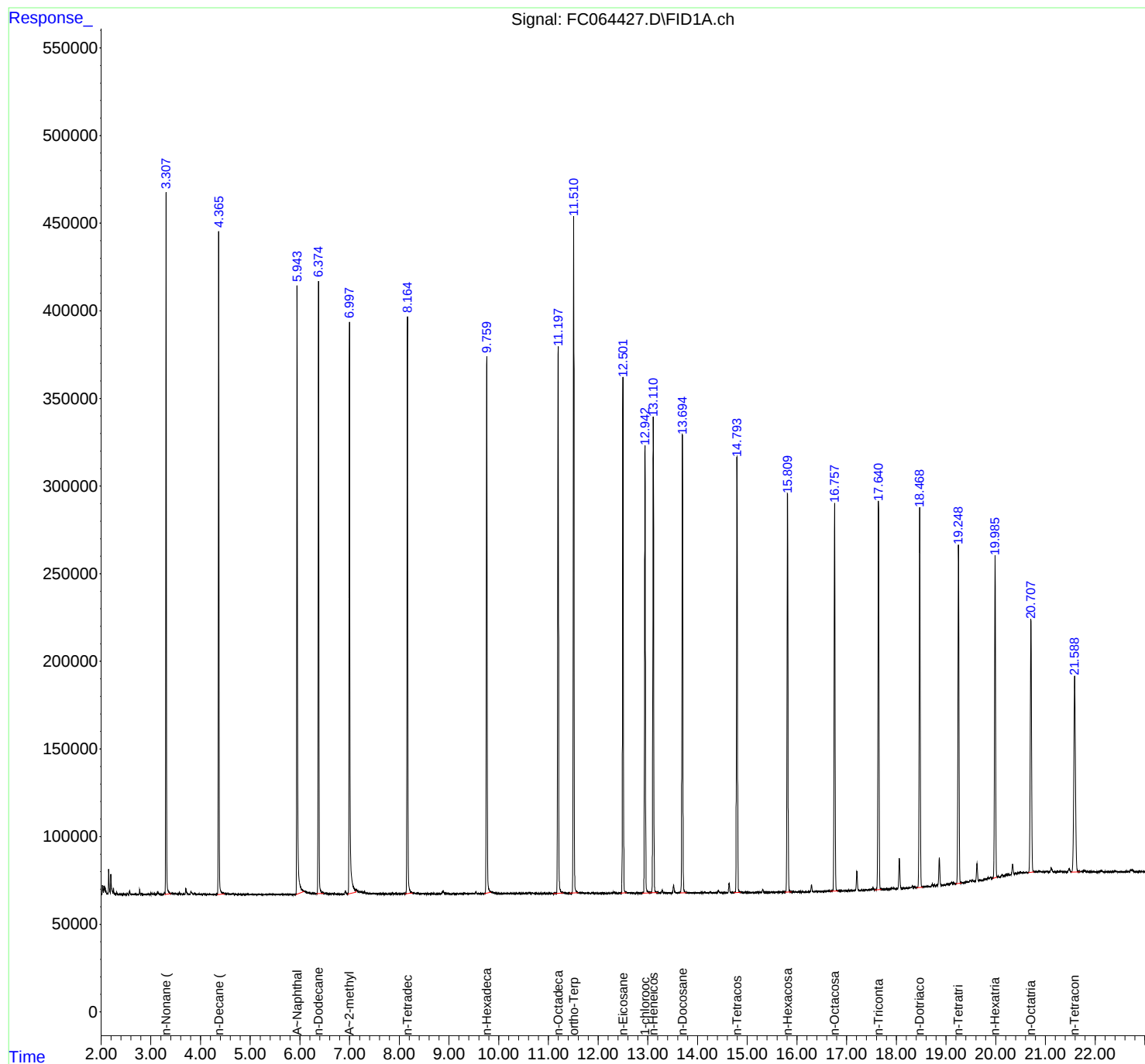
(m)=manual int.

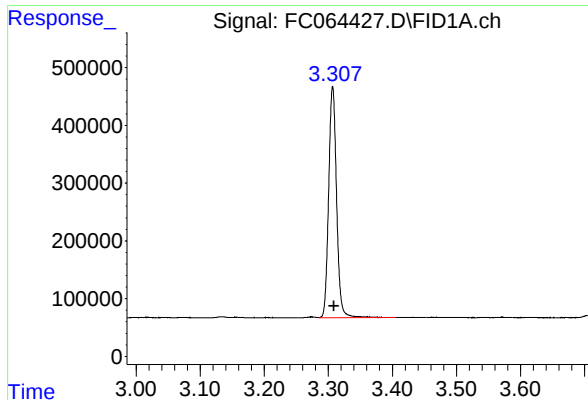
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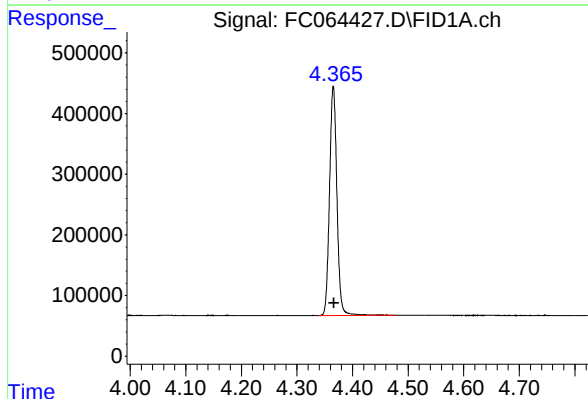




#1 n-Nonane (C9)

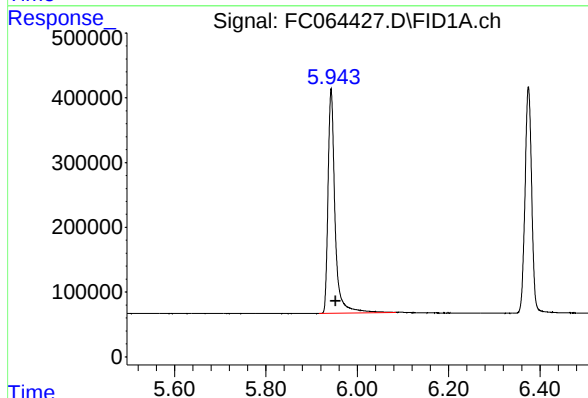
R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 3440132
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



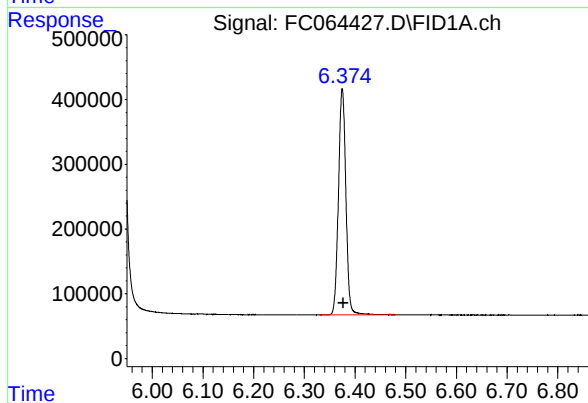
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 3503880
Conc: 19.97 ug/ml



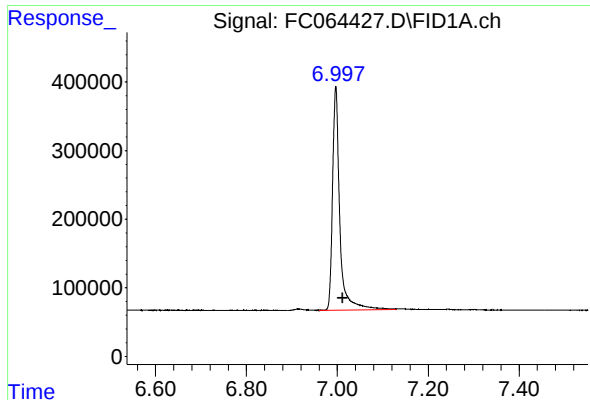
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3695732
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

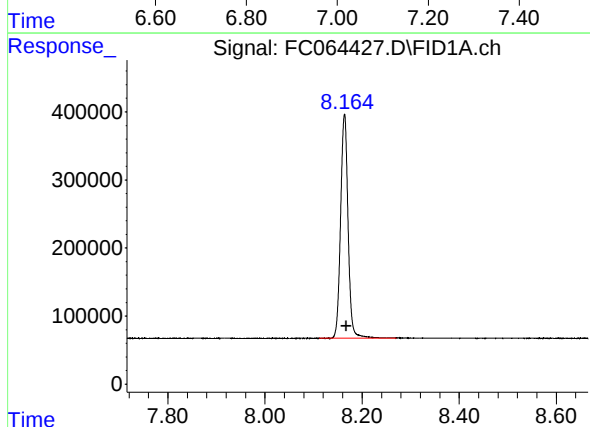
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 3561112
Conc: 19.98 ug/ml



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

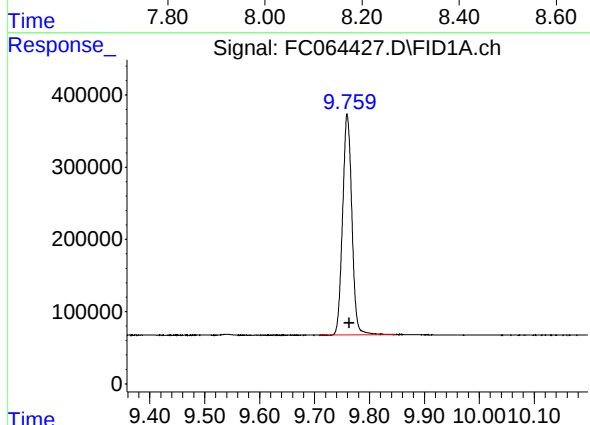
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3621391
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



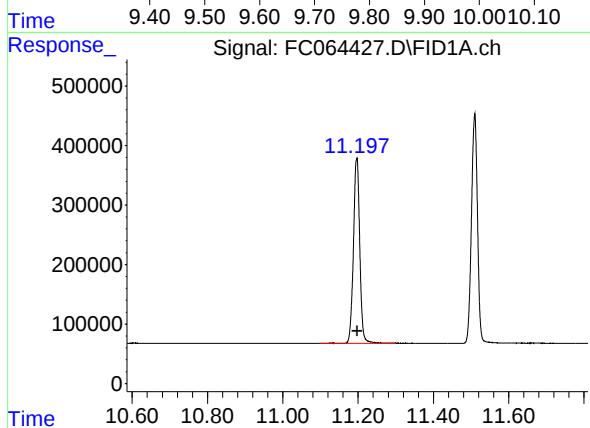
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 3523342
Conc: 20.20 ug/ml



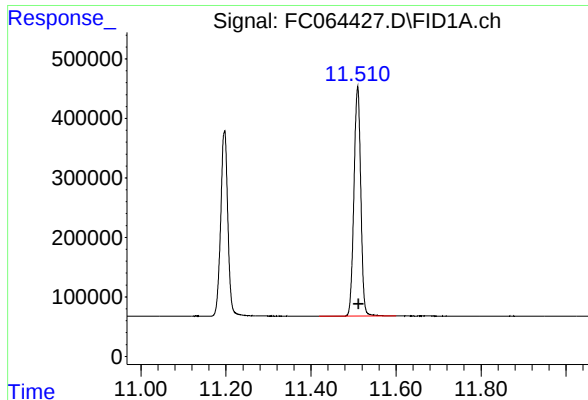
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 3573567
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

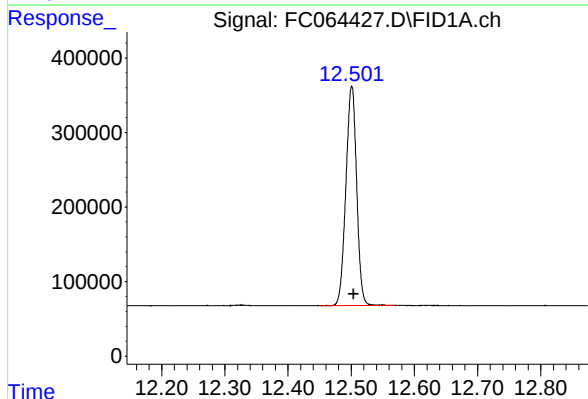
R.T.: 11.197 min
Delta R.T.: -0.002 min
Response: 3631855
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

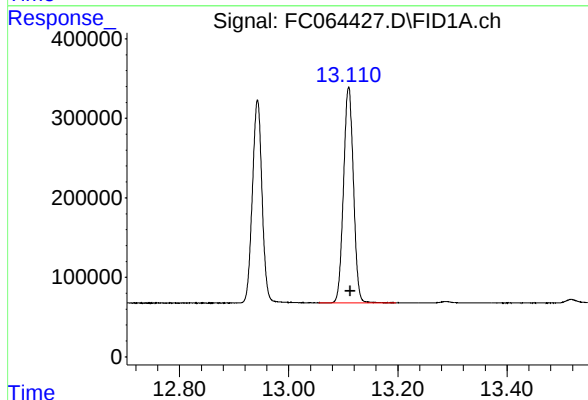
R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 4287147
Conc: 20.19 ug/ml

Instrument :
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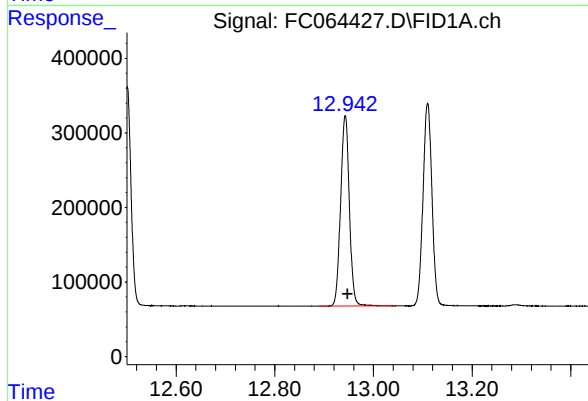
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.003 min
Response: 3485262
Conc: 20.60 ug/ml



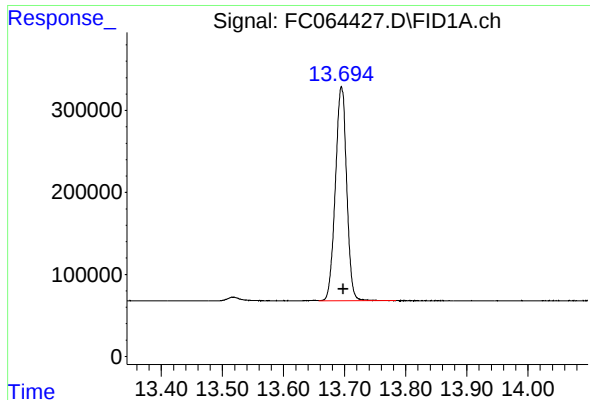
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.003 min
Response: 3417182
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

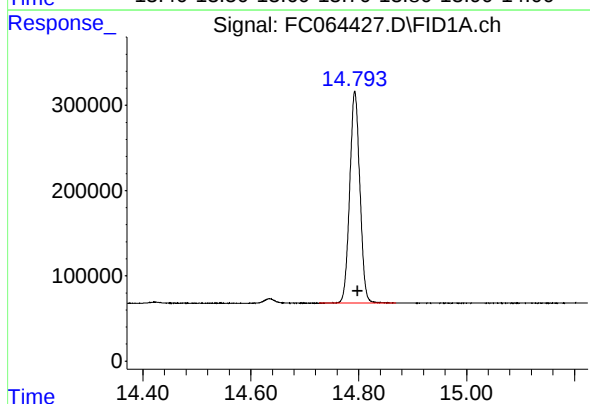
R.T.: 12.943 min
Delta R.T.: -0.004 min
Response: 3142163
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

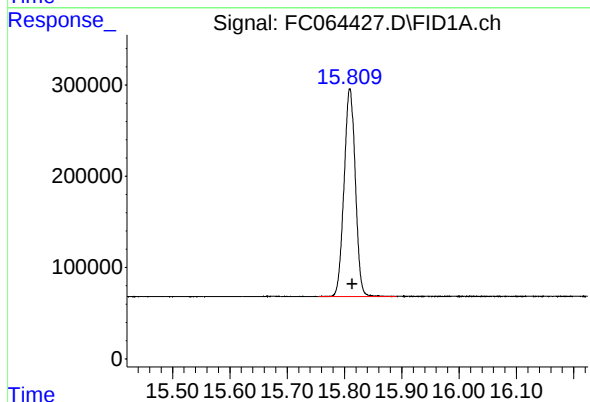
R.T.: 13.695 min
Delta R.T.: -0.003 min
Response: 3355870
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



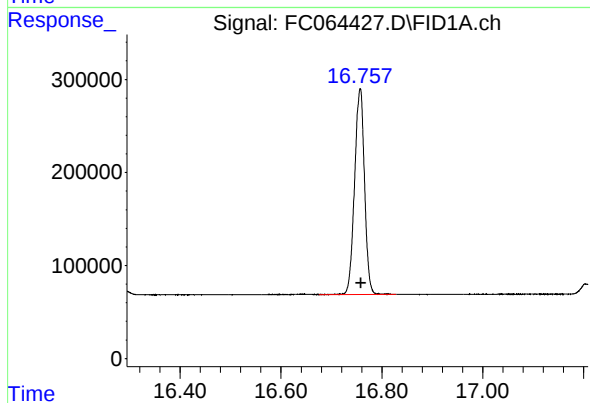
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.006 min
Response: 3241072
Conc: 20.35 ug/ml



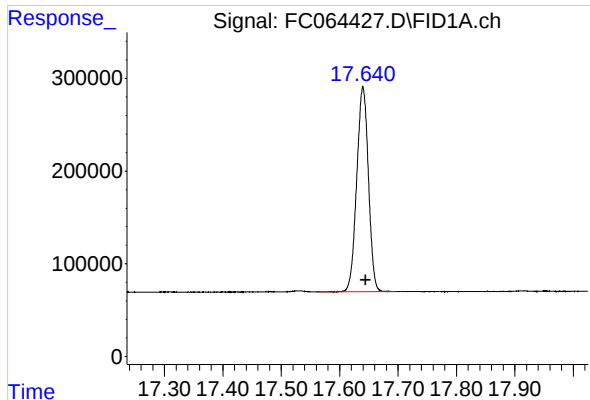
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.005 min
Response: 3112155
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

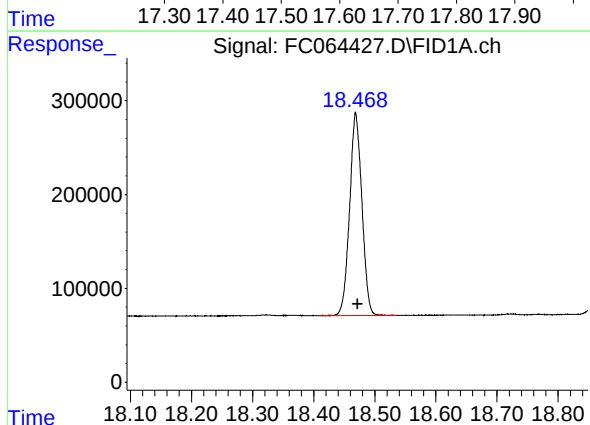
R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 3024531
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

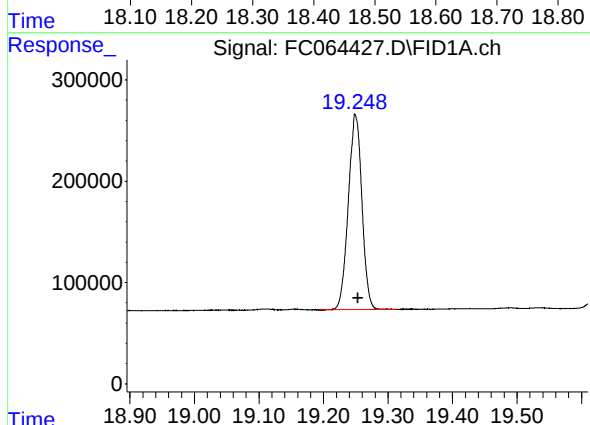
R.T.: 17.640 min
Delta R.T.: -0.004 min
Response: 3085720
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



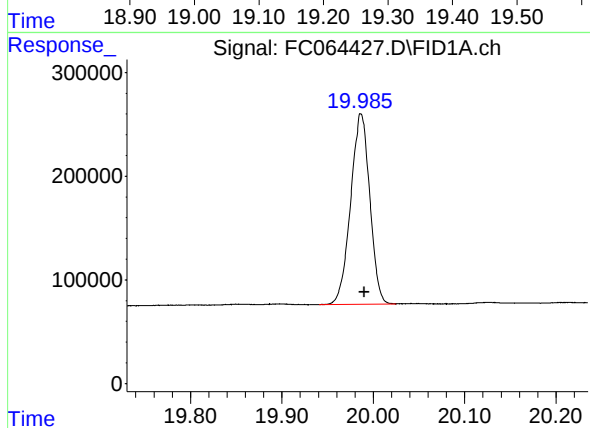
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 3026551
Conc: 21.43 ug/ml



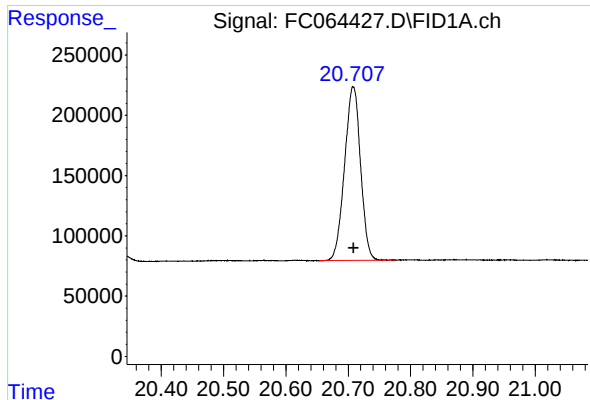
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2828103
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

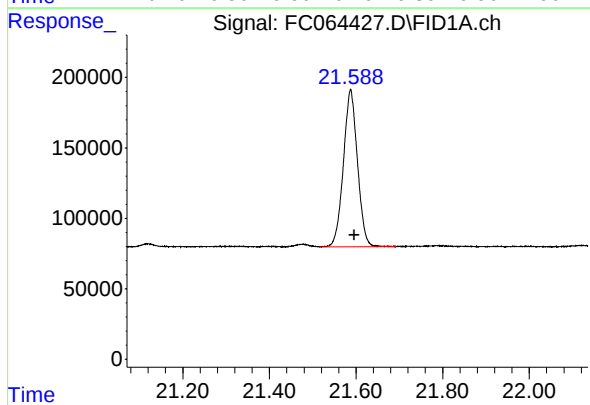
R.T.: 19.987 min
Delta R.T.: -0.004 min
Response: 2673633
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.000 min
Response: 2566686
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.008 min
Response: 2508777
Conc: 21.60 ug/ml