

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064306.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2023 10:36
 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 04 03:33:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.513	4026008	22.567 ug/ml
Spiked Amount 50.000		Recovery =	45.13%
12) S 1-chlorooctadecane (S...	12.947	2760282	21.888 ug/ml
Spiked Amount 50.000		Recovery =	43.78%
Target Compounds			
1) T n-Nonane (C9)	3.305	3692952	22.760 ug/ml
2) T n-Decane (C10)	4.366	3720172	22.750 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3725767	22.957 ug/ml
4) T n-Dodecane (C12)	6.377	3716896	22.768 ug/ml
5) T A~2-methylnaphthalene...	7.000	3497551	22.955 ug/ml
6) T n-Tetradecane (C14)	8.168	3568719	22.729 ug/ml
7) T n-Hexadecane (C16)	9.764	3557617	22.626 ug/ml
8) T n-Octadecane (C18)	11.201	3566398	22.510 ug/ml
10) T n-Eicosane (C20)	12.506	3356447	22.490 ug/ml
11) T n-Heneicosane (C21)	13.115	3281225	22.482 ug/ml
13) T n-Docosane (C22)	13.698	3222936	22.581 ug/ml
14) T n-Tetracosane (C24)	14.797	3169827	22.567 ug/ml
15) T n-Hexacosane (C26)	15.814	3100555	22.579 ug/ml
16) T n-Octacosane (C28)	16.760	3043421	22.696 ug/ml
17) T n-Tricontane (C30)	17.643	3115983	22.449 ug/ml
18) T n-Dotriacontane (C32)	18.473	3096856	22.007 ug/ml
19) T n-Tetratriacontane (C34)	19.253	3043610	21.922 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2934530	21.627 ug/ml
21) T n-Octatriacontane (C38)	20.712	2834262	20.896 ug/ml
22) T n-Tetracontane (C40)	21.593	2574956	19.170 ug/ml

(f)=RT Delta > 1/2 Window

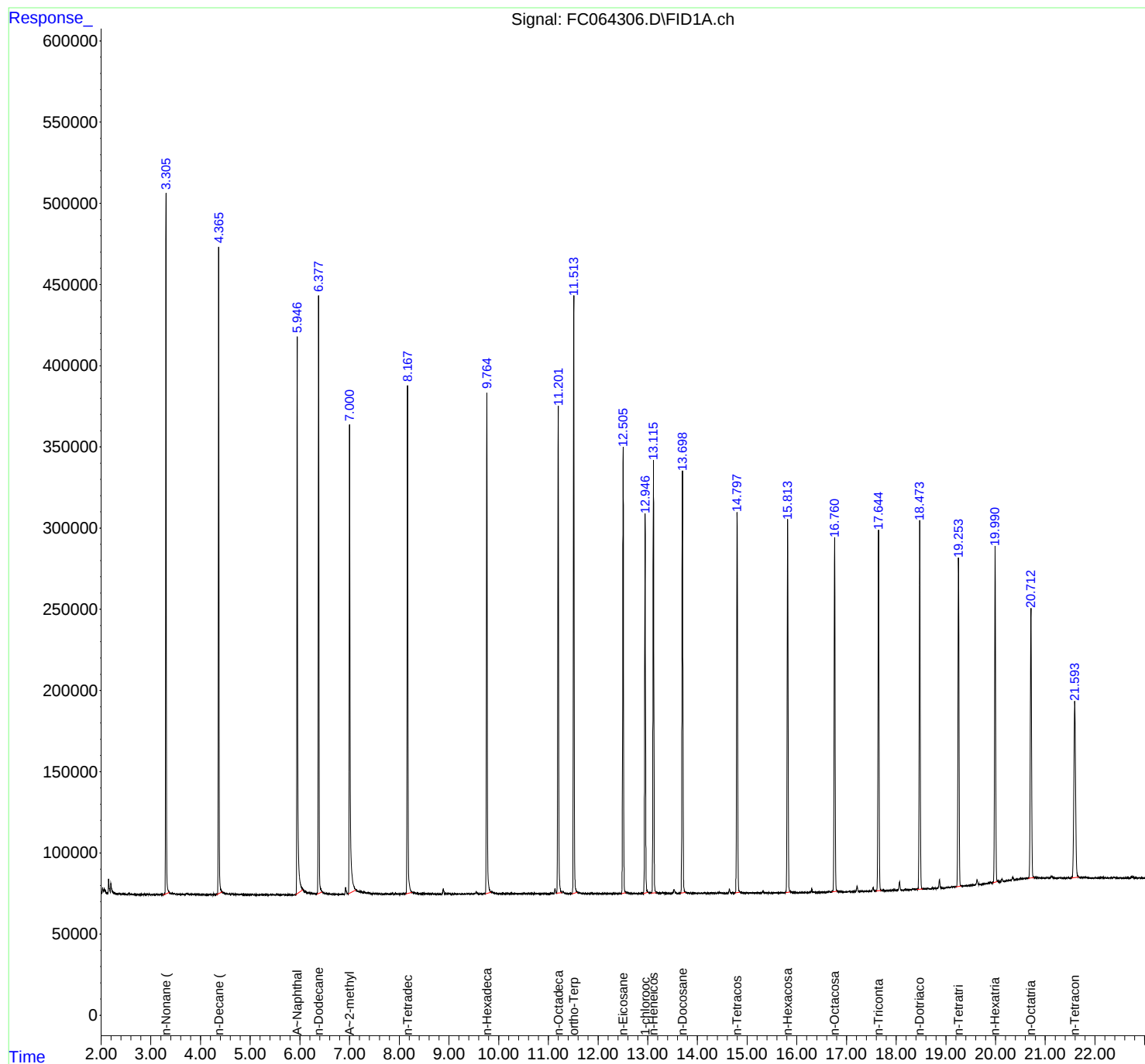
(m)=manual int.

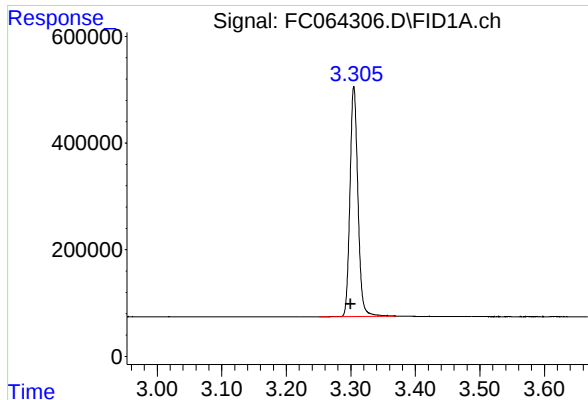
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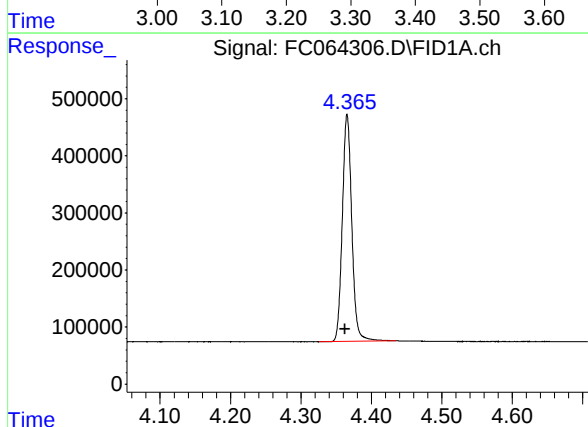




#1 n-Nonane (C9)

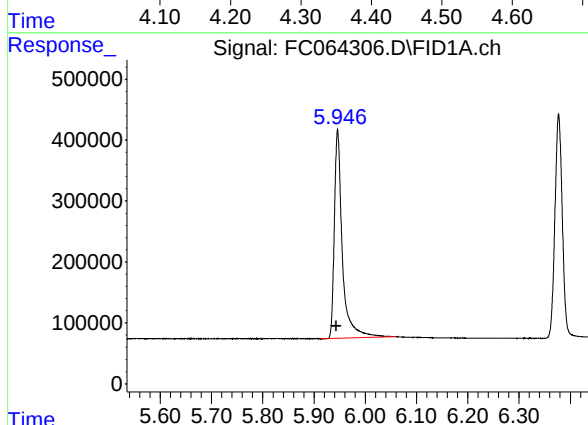
R.T.: 3.305 min
Delta R.T.: 0.005 min
Response: 3692952
Conc: 22.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



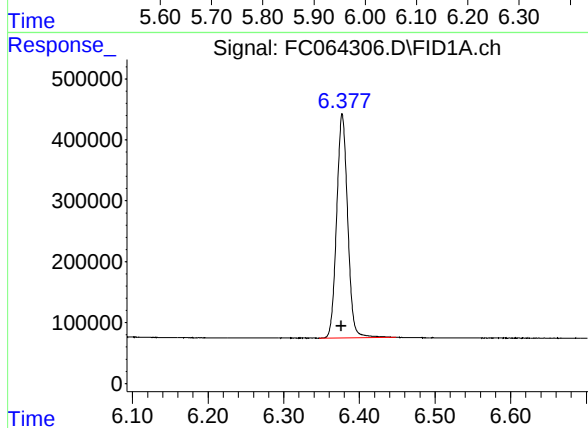
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 3720172
Conc: 22.75 ug/ml



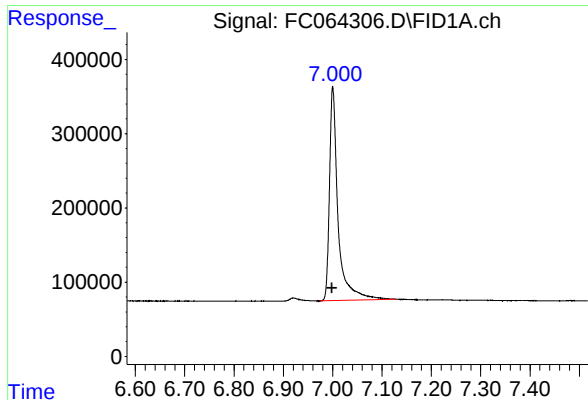
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 3725767
Conc: 22.96 ug/ml



#4 n-Dodecane (C12)

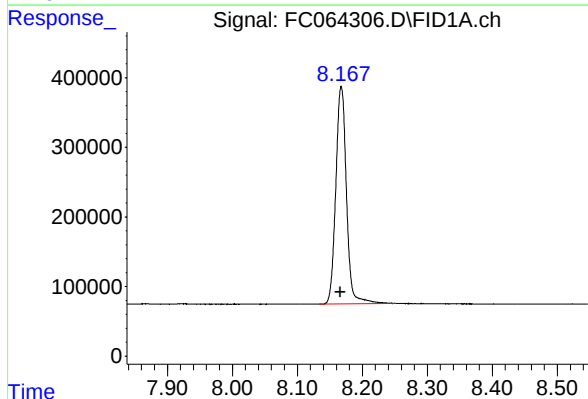
R.T.: 6.377 min
Delta R.T.: 0.002 min
Response: 3716896
Conc: 22.77 ug/ml



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

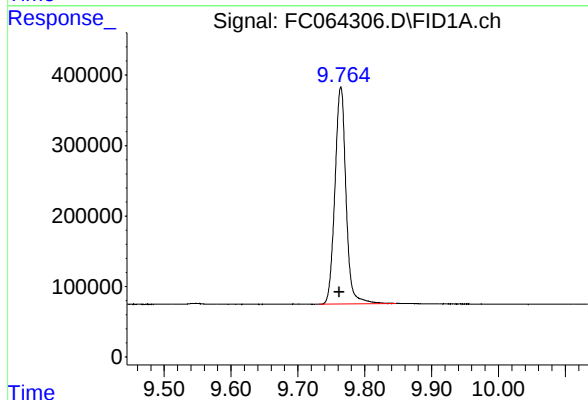
R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 3497551
Conc: 22.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



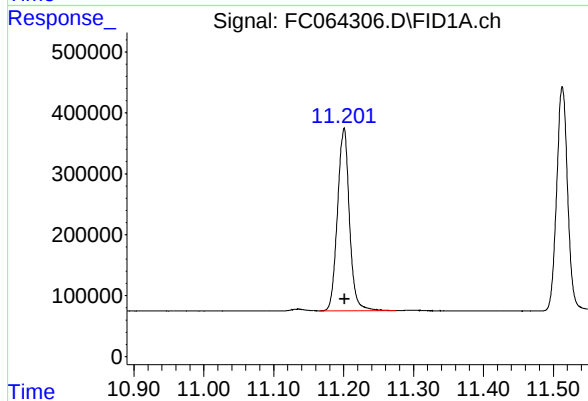
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 3568719
Conc: 22.73 ug/ml



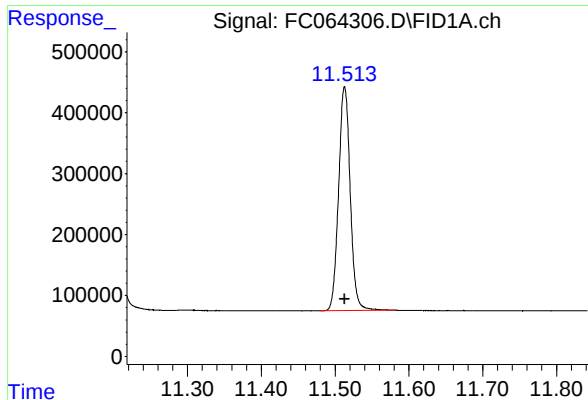
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 3557617
Conc: 22.63 ug/ml



#8 n-Octadecane (C18)

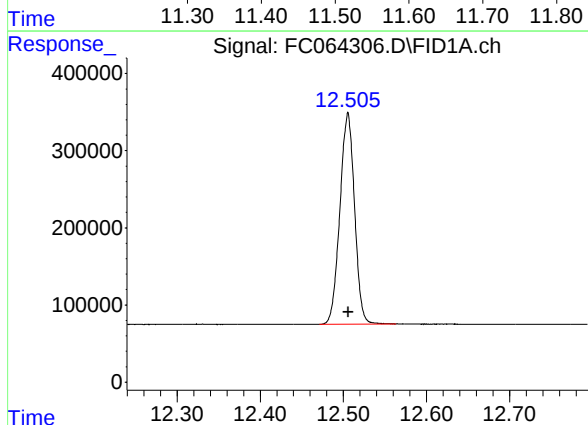
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3566398
Conc: 22.51 ug/ml



#9 ortho-Terphenyl (SURR)

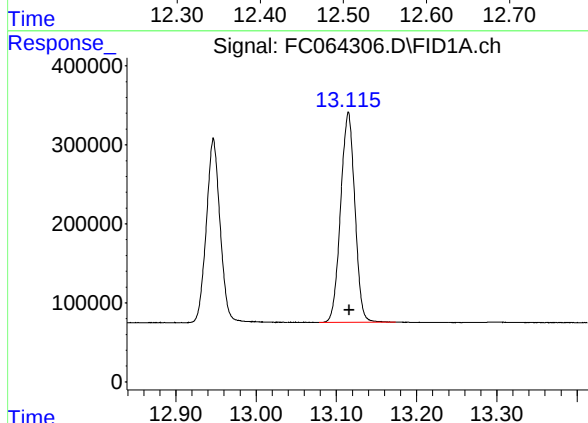
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 4026008
Conc: 22.57 ug/ml

Instrument :
FID_C
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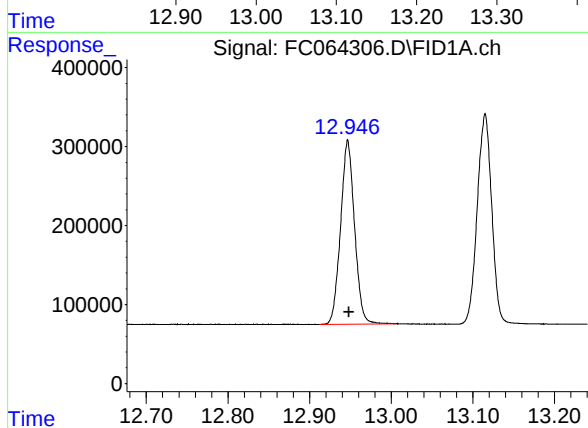
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3356447
Conc: 22.49 ug/ml



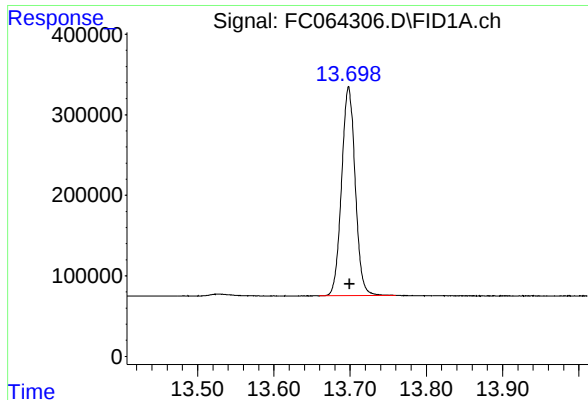
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3281225
Conc: 22.48 ug/ml



#12 1-chlorooctadecane (SURR)

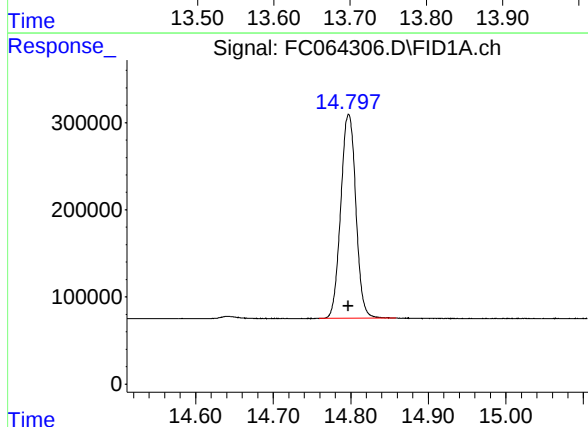
R.T.: 12.947 min
Delta R.T.: -0.001 min
Response: 2760282
Conc: 21.89 ug/ml



#13 n-Docosane (C22)

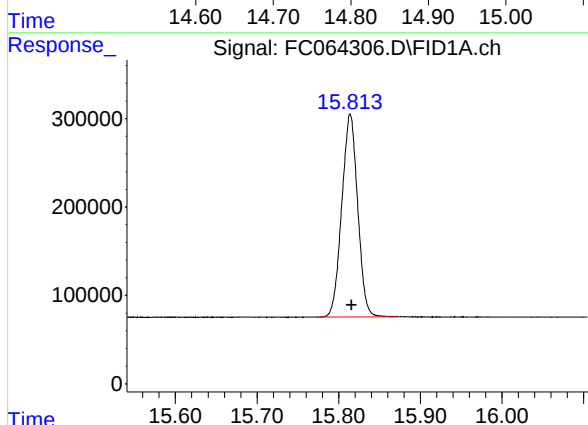
R.T.: 13.698 min
Delta R.T.: -0.001 min
Response: 3222936
Conc: 22.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



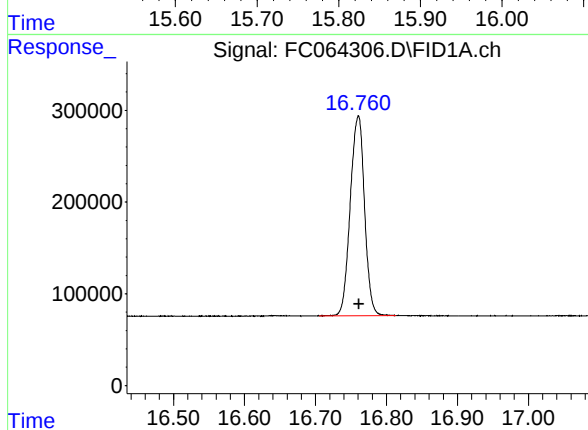
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 3169827
Conc: 22.57 ug/ml



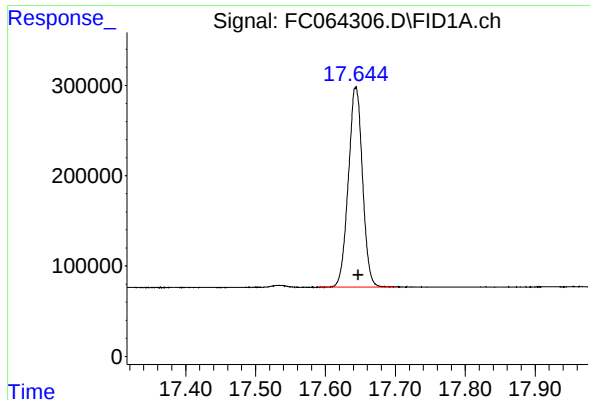
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.002 min
Response: 3100555
Conc: 22.58 ug/ml



#16 n-Octacosane (C28)

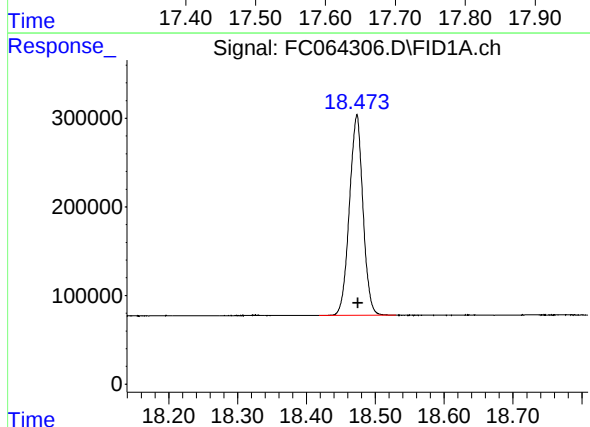
R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 3043421
Conc: 22.70 ug/ml



#17 n-Tricontane (C30)

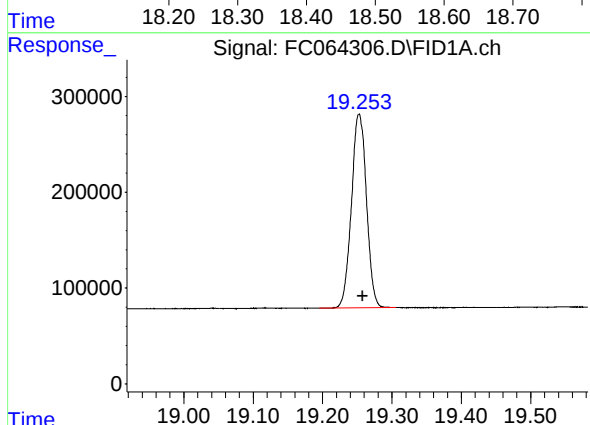
R.T.: 17.643 min
Delta R.T.: -0.004 min
Response: 3115983
Conc: 22.45 ug/ml

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20 PPM ALIPHATIC HC STD



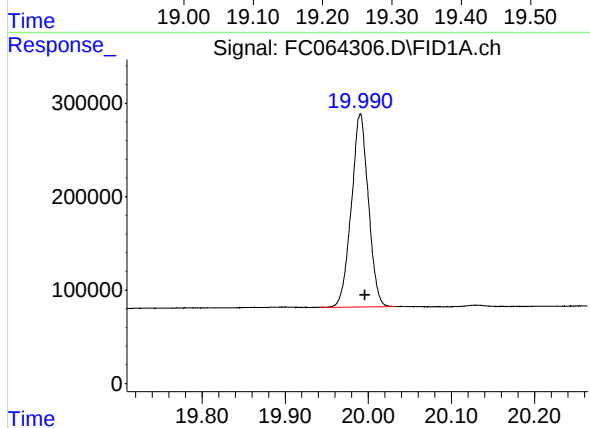
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.002 min
Response: 3096856
Conc: 22.01 ug/ml



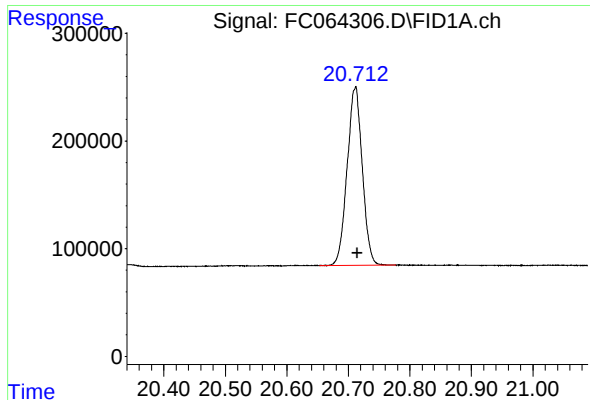
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.005 min
Response: 3043610
Conc: 21.92 ug/ml



#20 n-Hexatriacontane (C36)

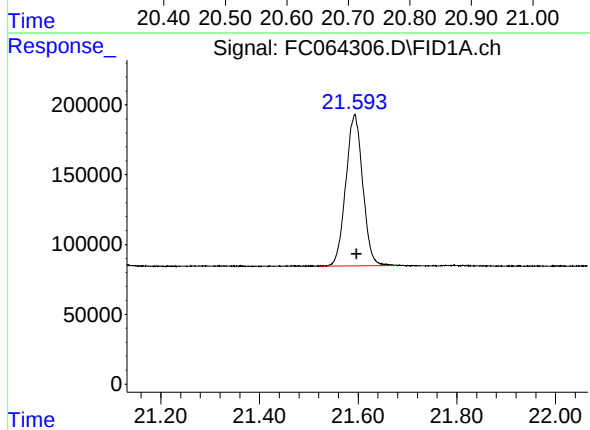
R.T.: 19.990 min
Delta R.T.: -0.005 min
Response: 2934530
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.003 min
Response: 2834262
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.004 min
Response: 2574956
Conc: 19.17 ug/ml