

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101323AL\
 Data File : FC064816.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2023 21:42
 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: Oct 14 02:59:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.519	4550849	21.314 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
12) S 1-chlorooctadecane (S...	12.950	3297104	21.989 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T n-Nonane (C9)	3.320	3838465	20.899 ug/ml
2) T n-Decane (C10)	4.379	3848771	21.040 ug/ml
3) T A~Naphthalene (C11.7)	5.961	4027369	21.234 ug/ml
4) T n-Dodecane (C12)	6.389	3947003	21.176 ug/ml
5) T A~2-methylnaphthalene...	7.015	3790989	21.647 ug/ml
6) T n-Tetradecane (C14)	8.176	3853678	21.457 ug/ml
7) T n-Hexadecane (C16)	9.770	3871974	21.767 ug/ml
8) T n-Octadecane (C18)	11.205	3886696	21.660 ug/ml
10) T n-Eicosane (C20)	12.509	3743033	21.738 ug/ml
11) T n-Heneicosane (C21)	13.117	3673255	21.690 ug/ml
13) T n-Docosane (C22)	13.700	3597367	21.833 ug/ml
14) T n-Tetracosane (C24)	14.798	3471321	21.810 ug/ml
15) T n-Hexacosane (C26)	15.814	3319296	21.669 ug/ml
16) T n-Octacosane (C28)	16.759	3186693	21.624 ug/ml
17) T n-Tricontane (C30)	17.643	3176223	21.709 ug/ml
18) T n-Dotriacontane (C32)	18.471	3113193	21.560 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2972483	21.126 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2869321	20.739 ug/ml
21) T n-Octatriacontane (C38)	20.708	2738562	20.674 ug/ml
22) T n-Tetracontane (C40)	21.590	2525291	20.178 ug/ml

(f)=RT Delta > 1/2 Window

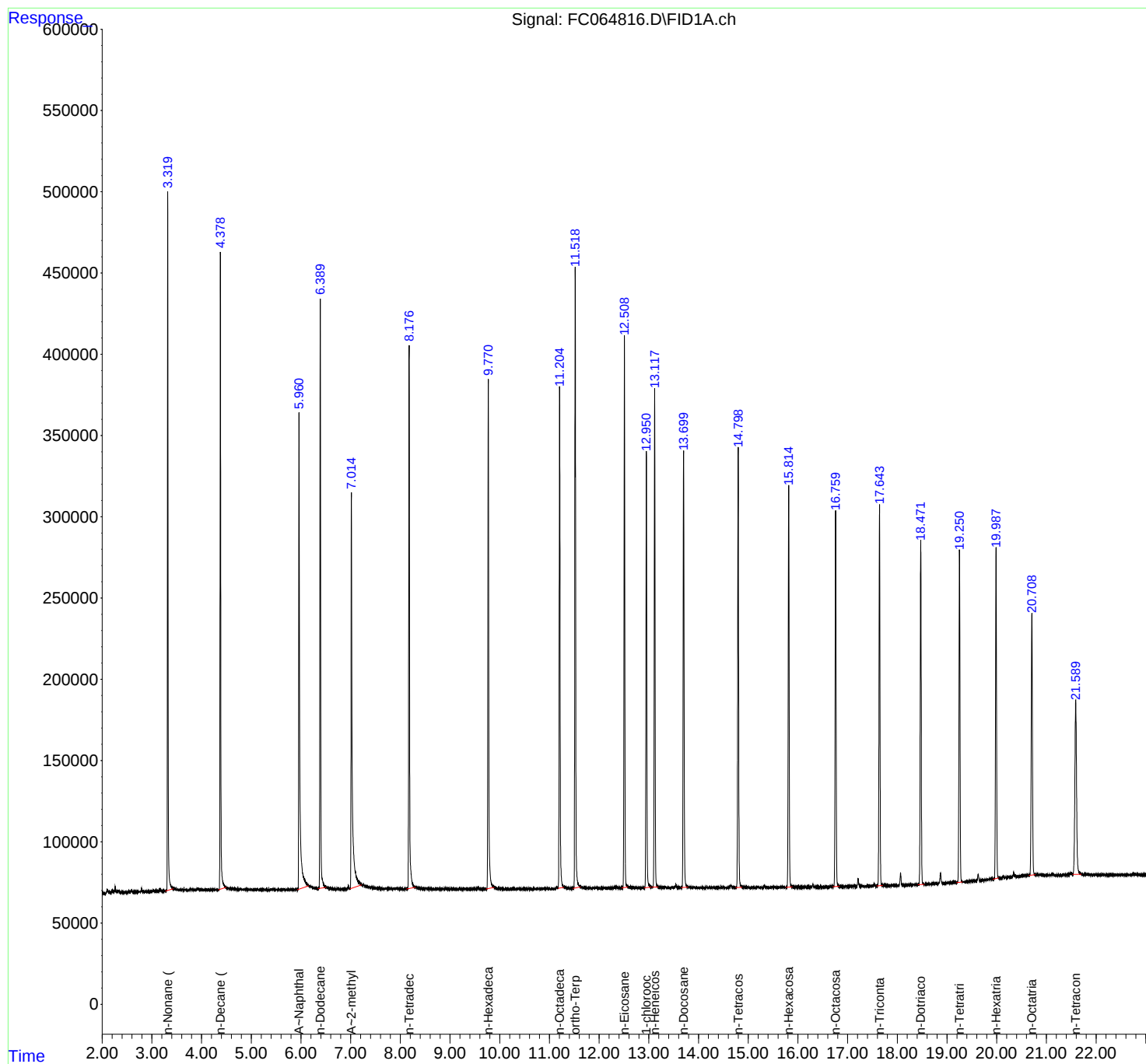
(m)=manual int.

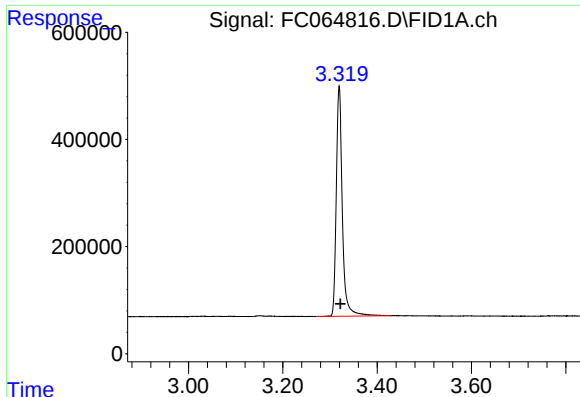
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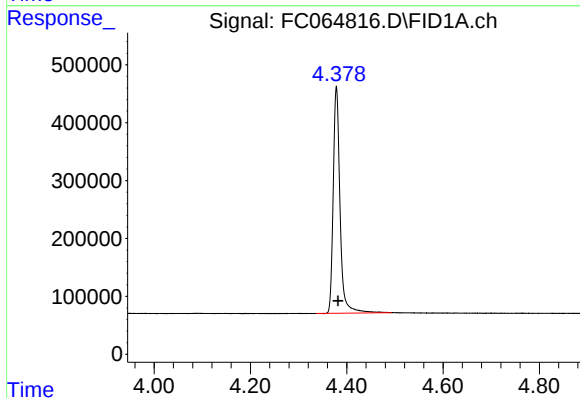




#1 n-Nonane (C9)

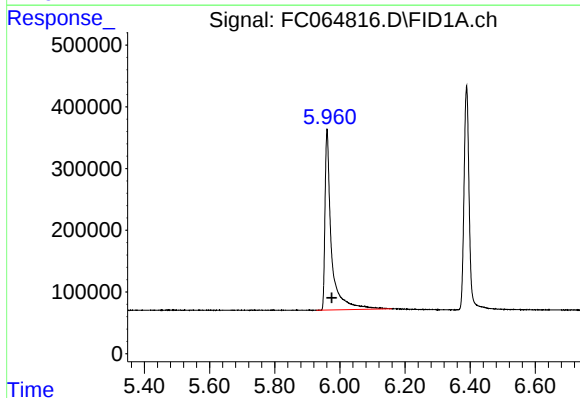
R.T.: 3.320 min
Delta R.T.: -0.002 min
Response: 3838465
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



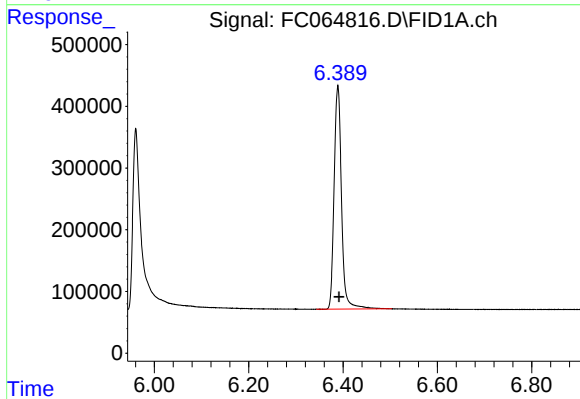
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 3848771
Conc: 21.04 ug/ml



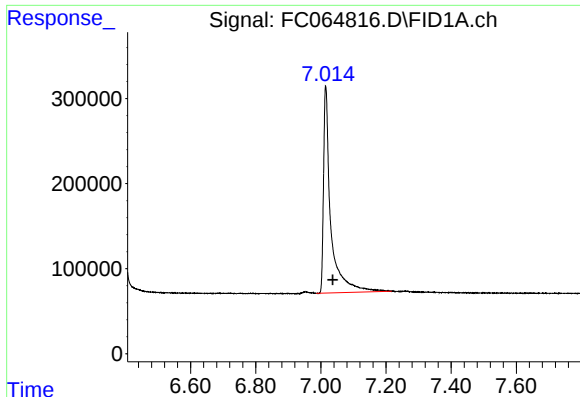
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.015 min
Response: 4027369
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

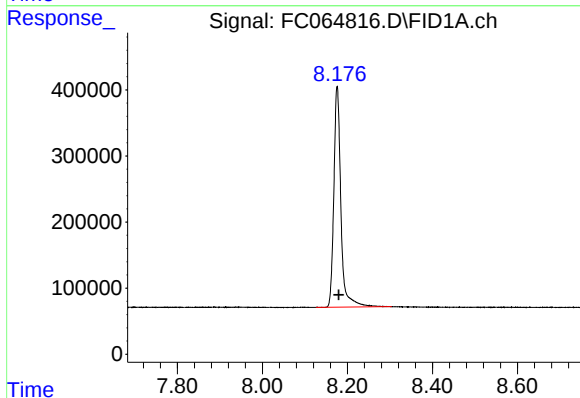
R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 3947003
Conc: 21.18 ug/ml



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

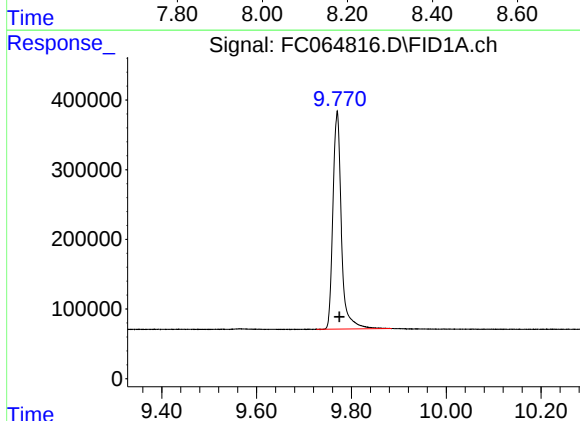
R.T.: 7.015 min
Delta R.T.: -0.021 min
Response: 3790989
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



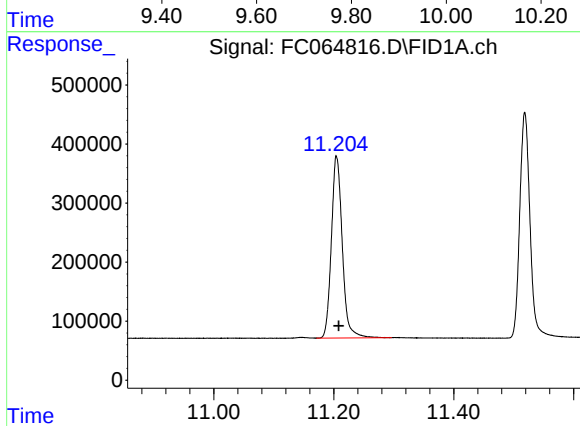
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 3853678
Conc: 21.46 ug/ml



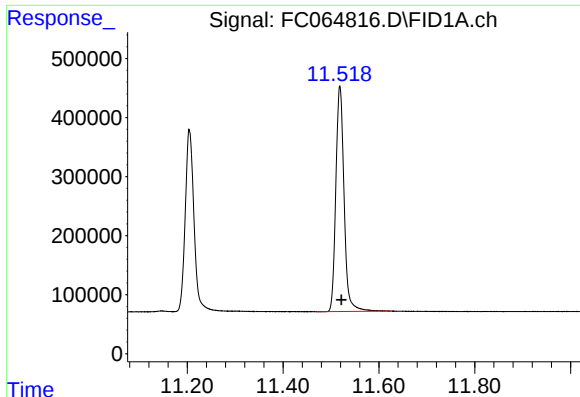
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.005 min
Response: 3871974
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

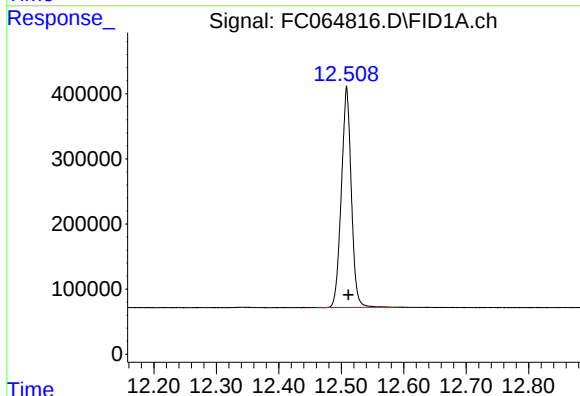
R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 3886696
Conc: 21.66 ug/ml



#9 ortho-Terphenyl (SURR)

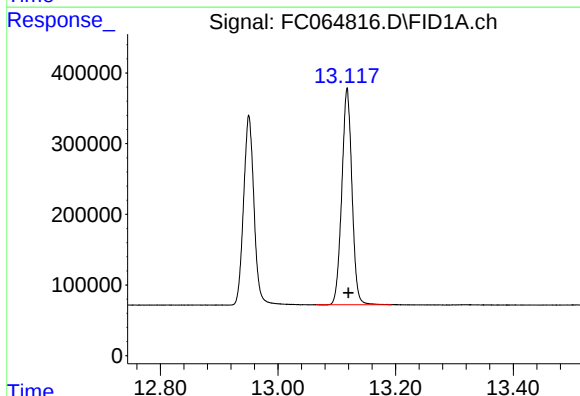
R.T.: 11.519 min
Delta R.T.: -0.003 min
Response: 4550849
Conc: 21.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



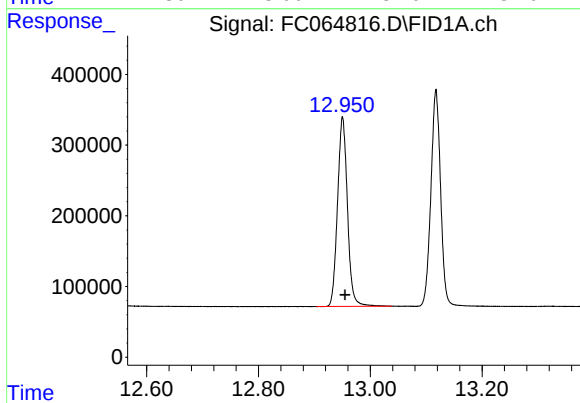
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.003 min
Response: 3743033
Conc: 21.74 ug/ml



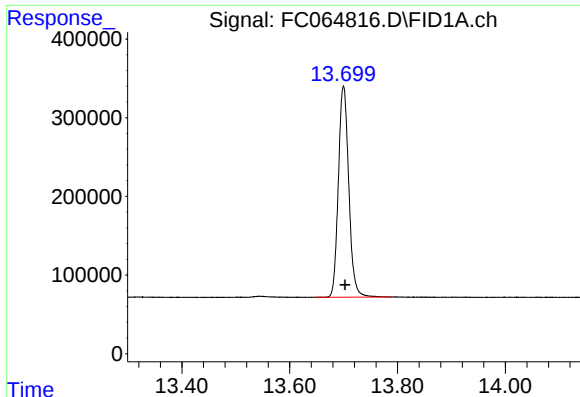
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.002 min
Response: 3673255
Conc: 21.69 ug/ml



#12 1-chlorooctadecane (SURR)

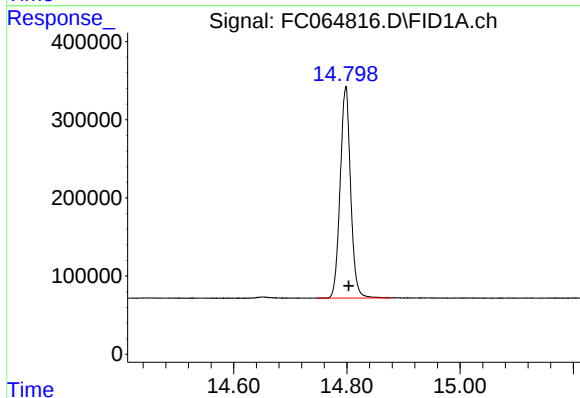
R.T.: 12.950 min
Delta R.T.: -0.004 min
Response: 3297104
Conc: 21.99 ug/ml



#13 n-Docosane (C22)

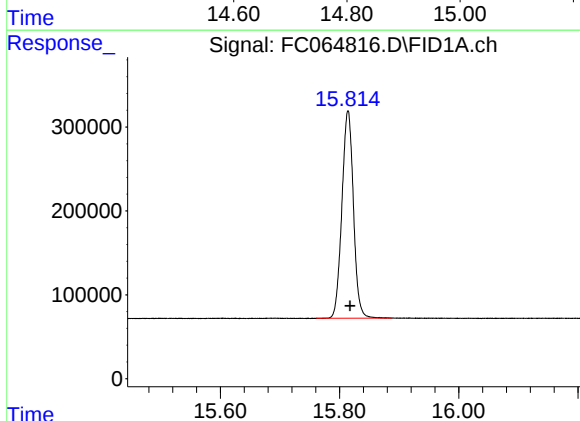
R.T.: 13.700 min
Delta R.T.: -0.003 min
Response: 3597367
Conc: 21.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



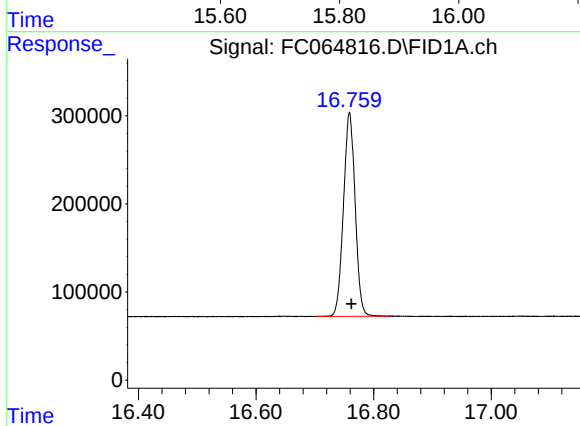
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 3471321
Conc: 21.81 ug/ml



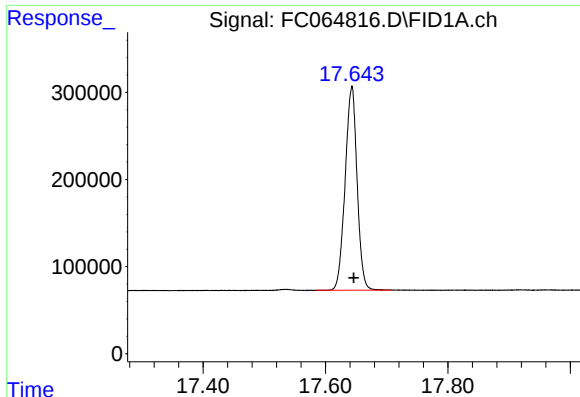
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.004 min
Response: 3319296
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

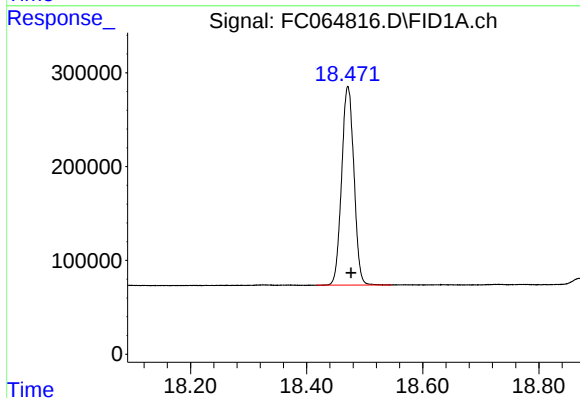
R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 3186693
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

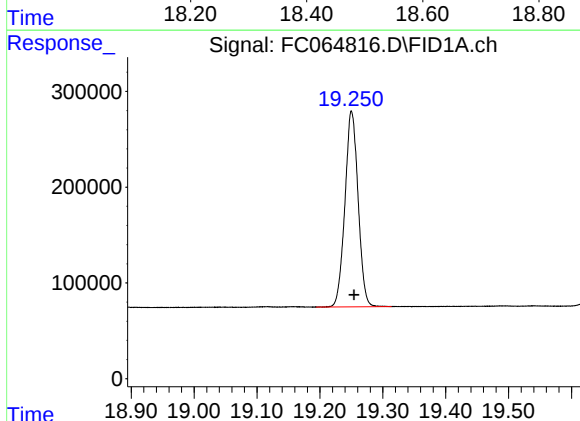
R.T.: 17.643 min
Delta R.T.: -0.003 min
Response: 3176223
Conc: 21.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



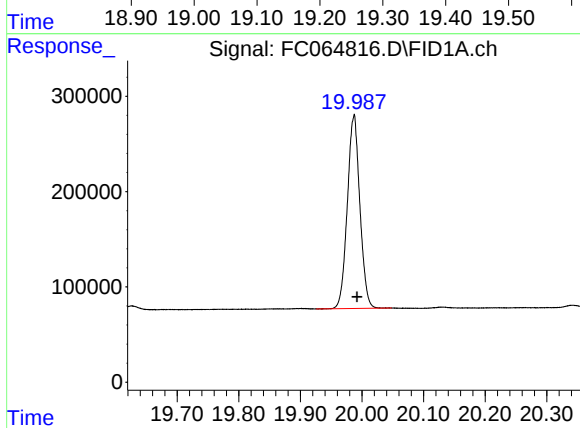
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.006 min
Response: 3113193
Conc: 21.56 ug/ml



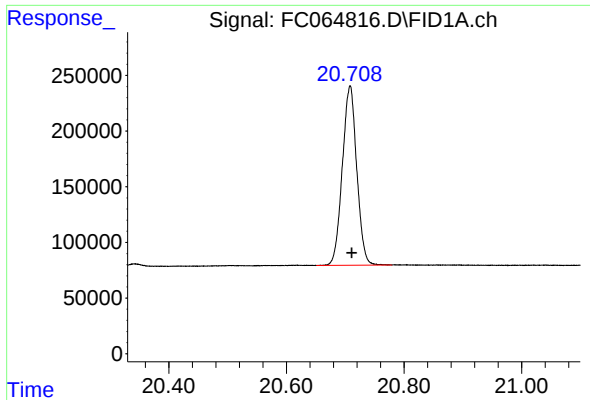
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2972483
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

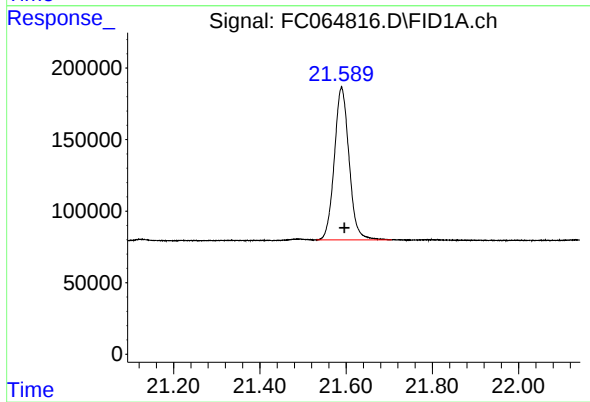
R.T.: 19.987 min
Delta R.T.: -0.005 min
Response: 2869321
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.003 min
Response: 2738562
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2525291
Conc: 20.18 ug/ml