

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052223AL\
 Data File : FC063675.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2023 07:59
 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: May 23 08:31:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.533	3448390	18.405 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	12.967	2427565	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.312	3034961	18.956 ug/ml
2) T n-Decane (C10)	4.375	3076528	19.013 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3203451	18.868 ug/ml
4) T n-Dodecane (C12)	6.391	3061186	18.805 ug/ml
5) T A~2-methylnaphthalene...	7.013	3040533	18.798 ug/ml
6) T n-Tetradecane (C14)	8.182	2966925	18.786 ug/ml
7) T n-Hexadecane (C16)	9.780	2988178	18.626 ug/ml
8) T n-Octadecane (C18)	11.218	2994005	18.694 ug/ml
10) T n-Eicosane (C20)	12.524	2820242	18.589 ug/ml
11) T n-Heneicosane (C21)	13.133	2748081	18.752 ug/ml
13) T n-Docosane (C22)	13.718	2703466	18.735 ug/ml
14) T n-Tetracosane (C24)	14.818	2653510	18.864 ug/ml
15) T n-Hexacosane (C26)	15.835	2591761	18.978 ug/ml
16) T n-Octacosane (C28)	16.781	2578824	19.497 ug/ml
17) T n-Tricontane (C30)	17.667	2728865	20.295 ug/ml
18) T n-Dotriacontane (C32)	18.494	2738463	20.510 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2642538	20.357 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2500281	20.190 ug/ml
21) T n-Octatriacontane (C38)	20.737	2463561	19.715 ug/ml
22) T n-Tetracontane (C40)	21.629	2439163	19.842 ug/ml

(f)=RT Delta > 1/2 Window

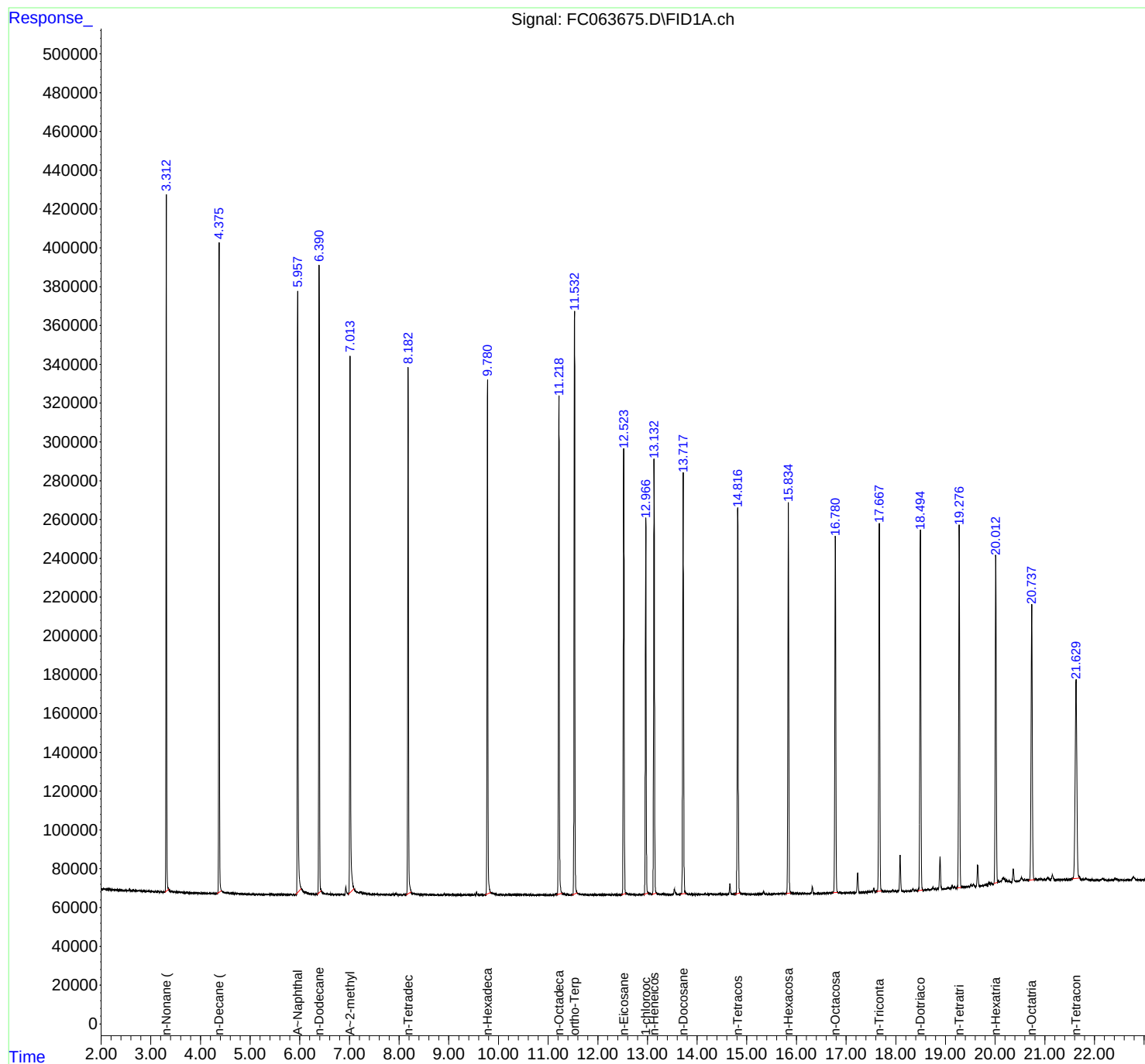
(m)=manual int.

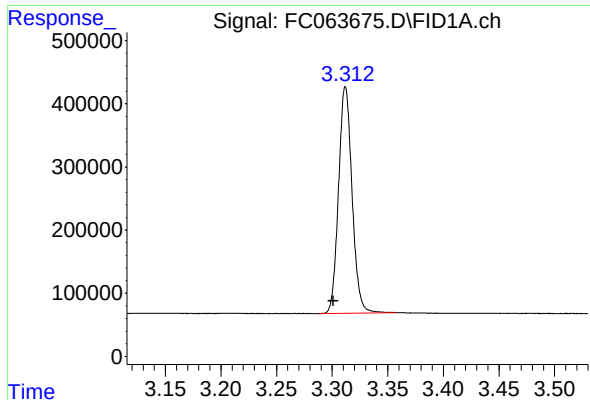
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052223AL\
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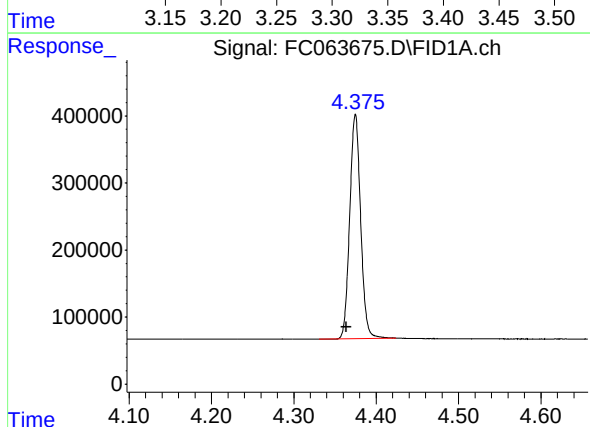




#1 n-Nonane (C9)

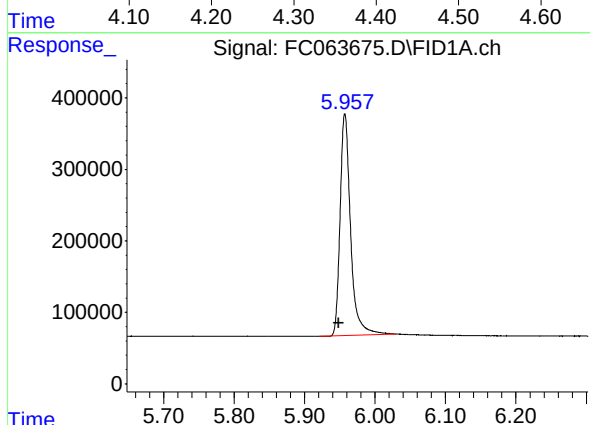
R.T.: 3.312 min
Delta R.T.: 0.011 min
Response: 3034961
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



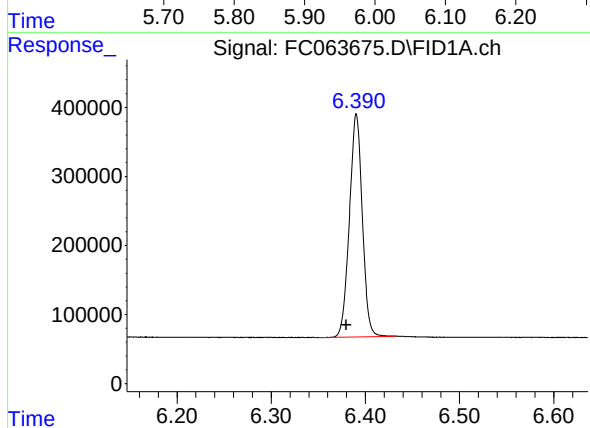
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.011 min
Response: 3076528
Conc: 19.01 ug/ml



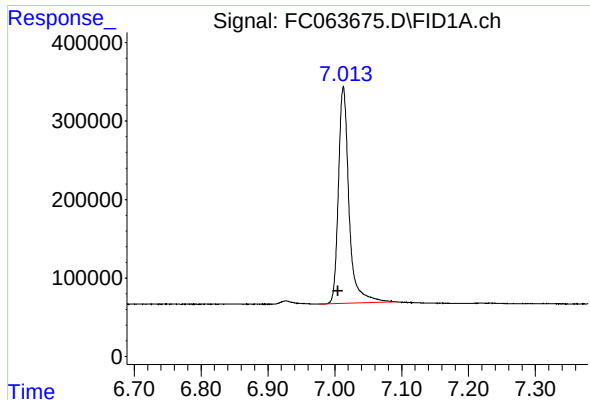
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.009 min
Response: 3203451
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

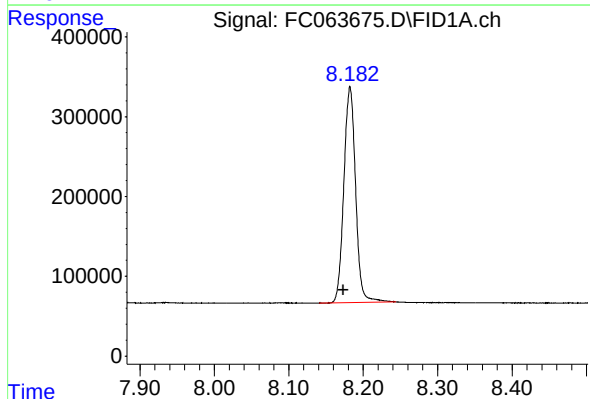
R.T.: 6.391 min
Delta R.T.: 0.011 min
Response: 3061186
Conc: 18.81 ug/ml



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

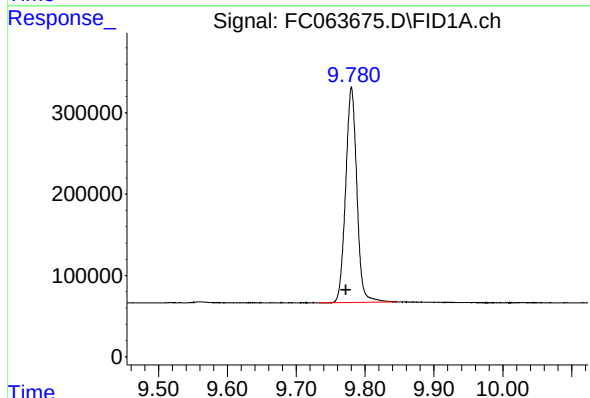
R.T.: 7.013 min
Delta R.T.: 0.008 min
Response: 3040533
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



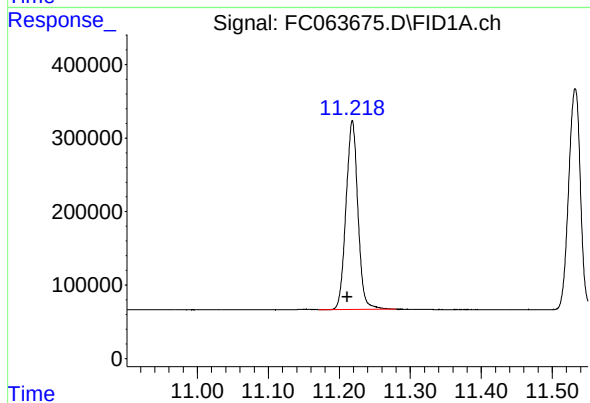
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.009 min
Response: 2966925
Conc: 18.79 ug/ml



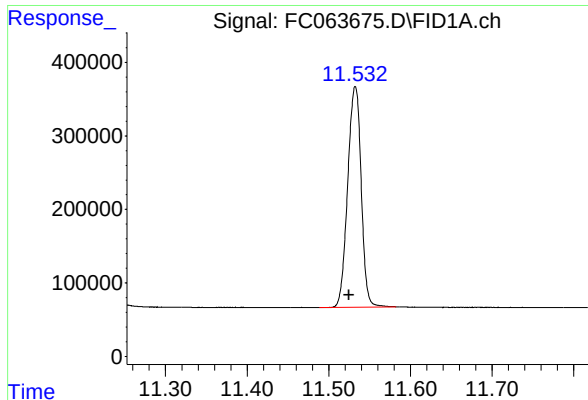
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.008 min
Response: 2988178
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

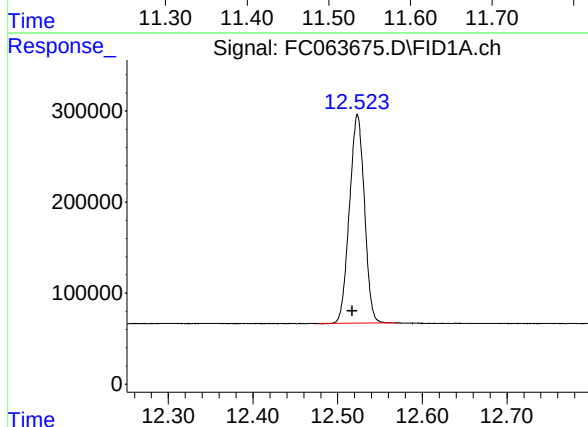
R.T.: 11.218 min
Delta R.T.: 0.007 min
Response: 2994005
Conc: 18.69 ug/ml



#9 ortho-Terphenyl (SURR)

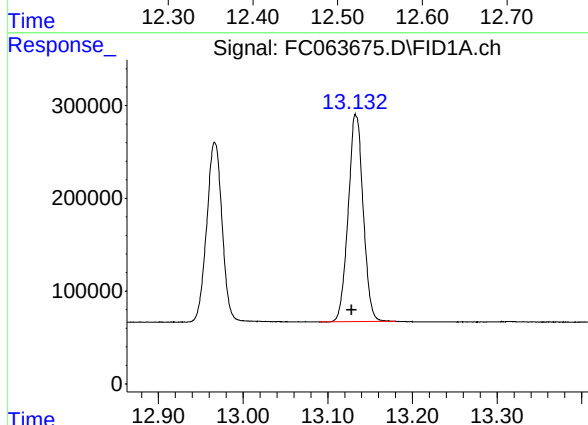
R.T.: 11.533 min
Delta R.T.: 0.008 min
Response: 3448390
Conc: 18.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



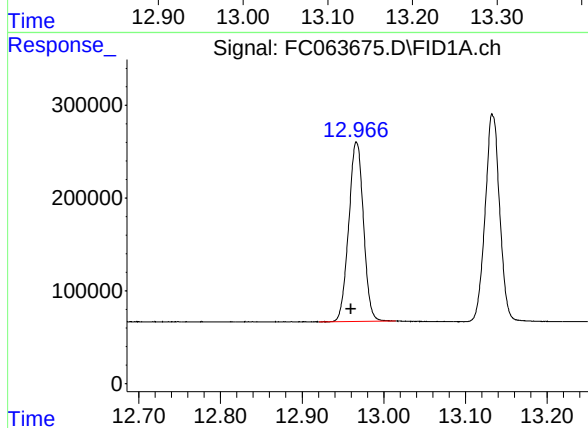
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.006 min
Response: 2820242
Conc: 18.59 ug/ml



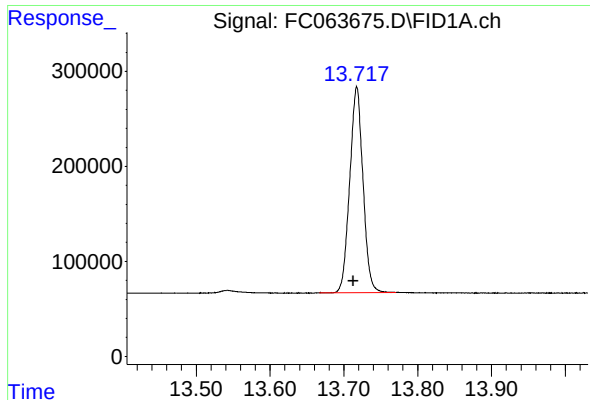
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.005 min
Response: 2748081
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

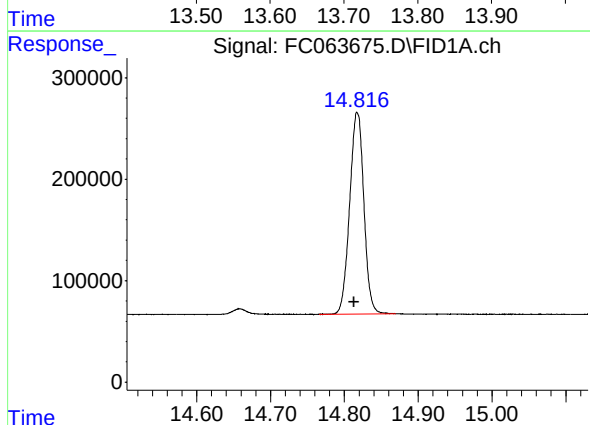
R.T.: 12.967 min
Delta R.T.: 0.007 min
Response: 2427565
Conc: 18.54 ug/ml



#13 n-Docosane (C22)

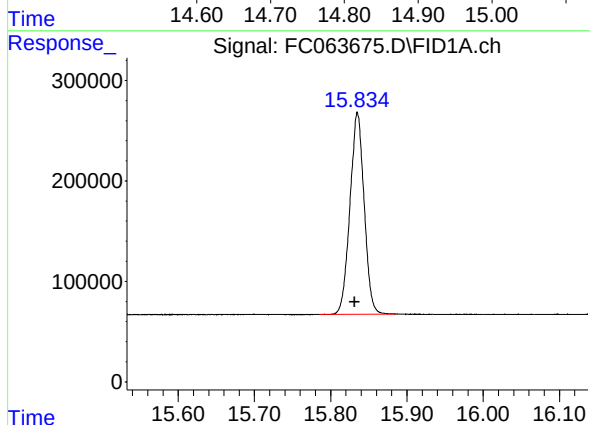
R.T.: 13.718 min
Delta R.T.: 0.005 min
Response: 2703466
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



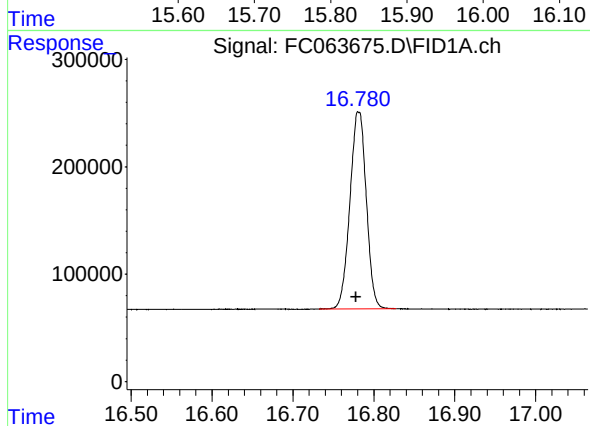
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.004 min
Response: 2653510
Conc: 18.86 ug/ml



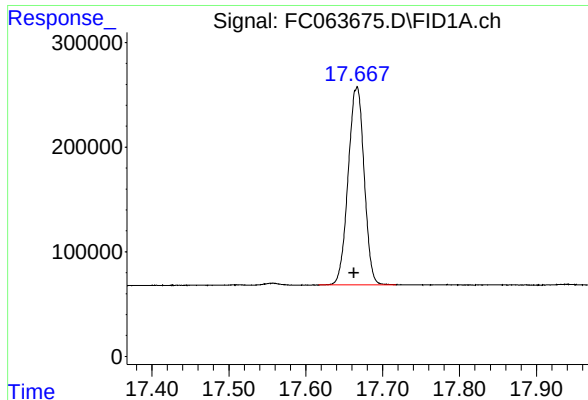
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.004 min
Response: 2591761
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

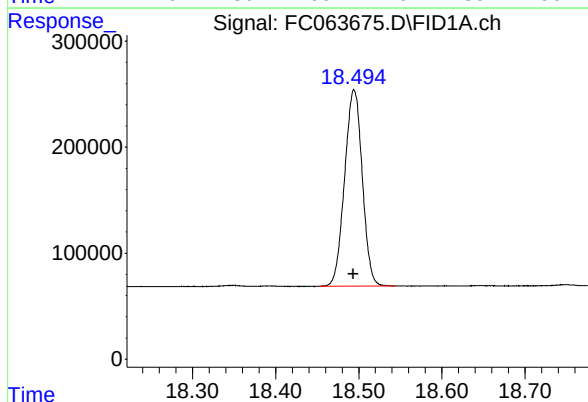
R.T.: 16.781 min
Delta R.T.: 0.003 min
Response: 2578824
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

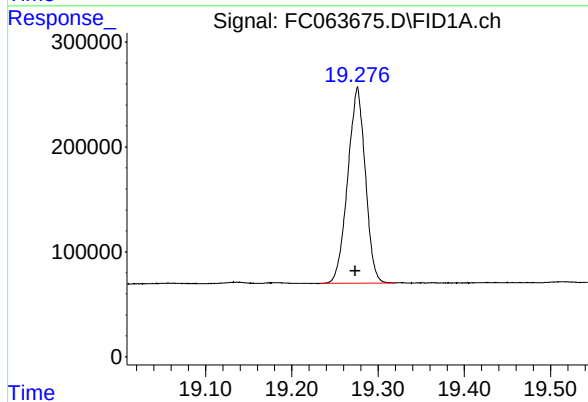
R.T.: 17.667 min
Delta R.T.: 0.004 min
Response: 2728865
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



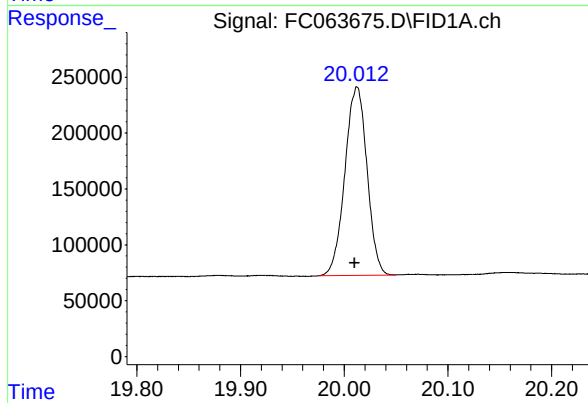
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 2738463
Conc: 20.51 ug/ml



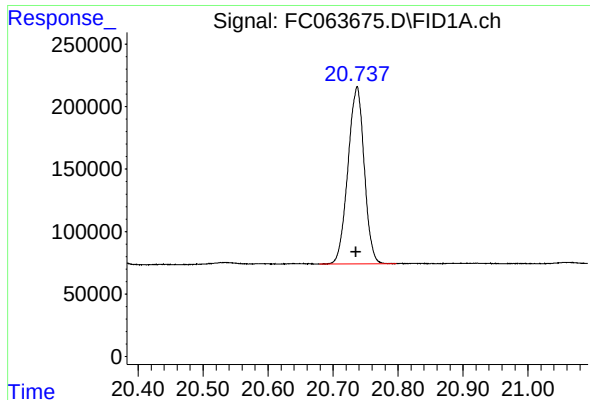
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.002 min
Response: 2642538
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

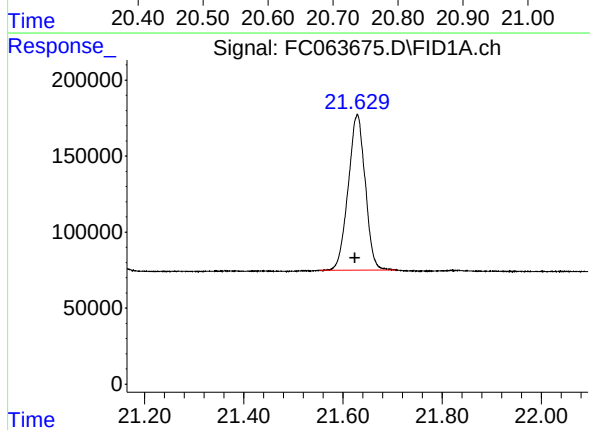
R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 2500281
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.002 min
Response: 2463561
Conc: 19.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.005 min
Response: 2439163
Conc: 19.84 ug/ml