

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082423AL\
 Data File : FC064402.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2023 09:06
 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 24 16:40:56 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)	11.503	4213175	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.937	3095121	20.300 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T n-Nonane (C9)	3.296	3486164	19.752 ug/ml
2) T n-Decane (C10)	4.356	3525733	20.099 ug/ml
3) T A~Naphthalene (C11.7)	5.934	3763366	20.238 ug/ml
4) T n-Dodecane (C12)	6.367	3560038	19.973 ug/ml
5) T A~2-methylnaphthalene...	6.987	3644499	20.487 ug/ml
6) T n-Tetradecane (C14)	8.156	3492826	20.021 ug/ml
7) T n-Hexadecane (C16)	9.752	3528741	20.419 ug/ml
8) T n-Octadecane (C18)	11.190	3541808	20.230 ug/ml
10) T n-Eicosane (C20)	12.494	3420138	20.218 ug/ml
11) T n-Heneicosane (C21)	13.104	3366116	20.168 ug/ml
13) T n-Docosane (C22)	13.688	3322989	20.373 ug/ml
14) T n-Tetracosane (C24)	14.787	3243863	20.370 ug/ml
15) T n-Hexacosane (C26)	15.806	3130421	20.262 ug/ml
16) T n-Octacosane (C28)	16.751	3017735	20.383 ug/ml
17) T n-Tricontane (C30)	17.635	3002533	20.556 ug/ml
18) T n-Dotriacontane (C32)	18.464	2905498	20.569 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2736889	20.484 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2643357	20.658 ug/ml
21) T n-Octatriacontane (C38)	20.701	2614015	21.287 ug/ml
22) T n-Tetracontane (C40)	21.583	2537562	21.851 ug/ml

(f)=RT Delta > 1/2 Window

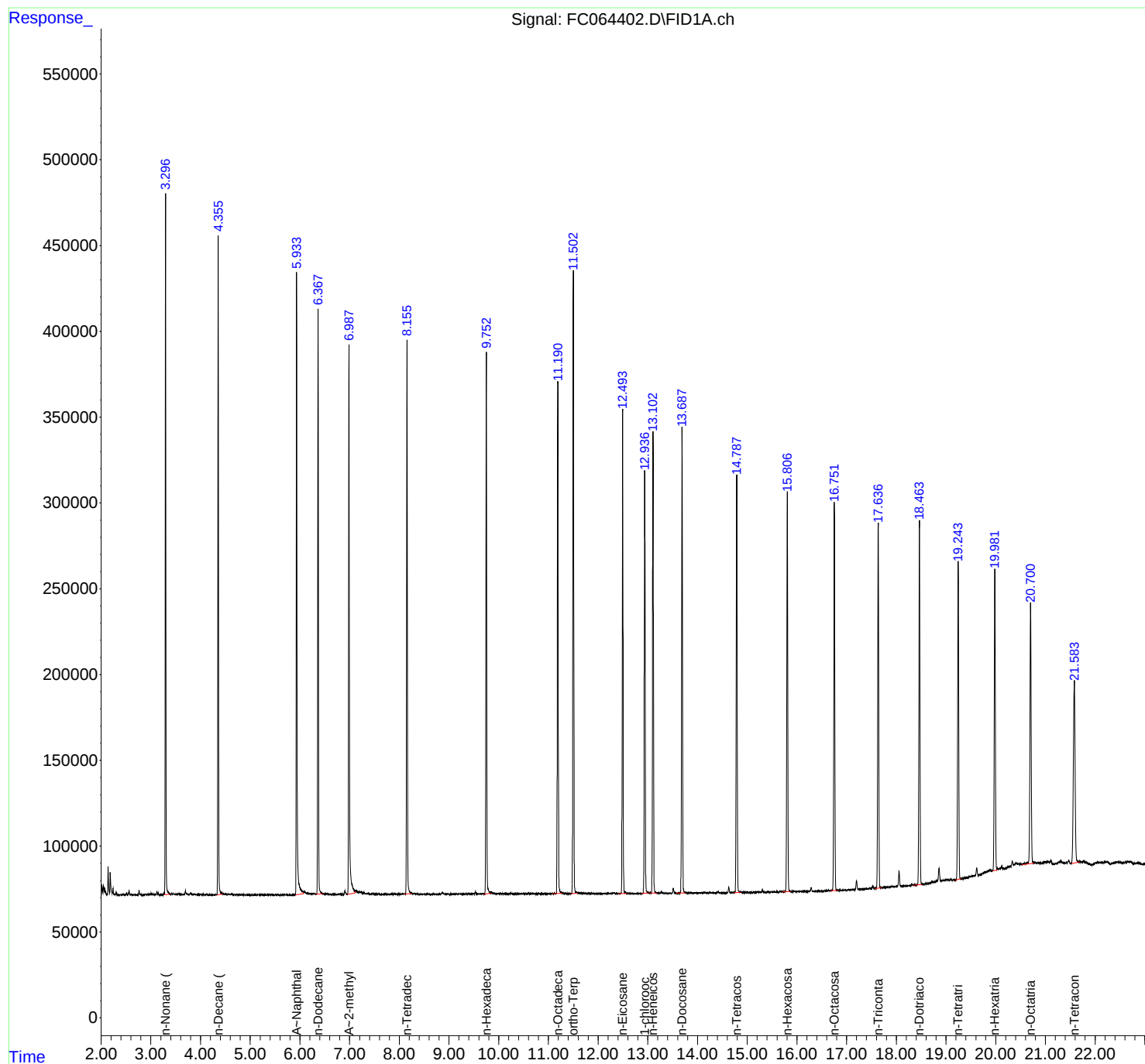
(m)=manual int.

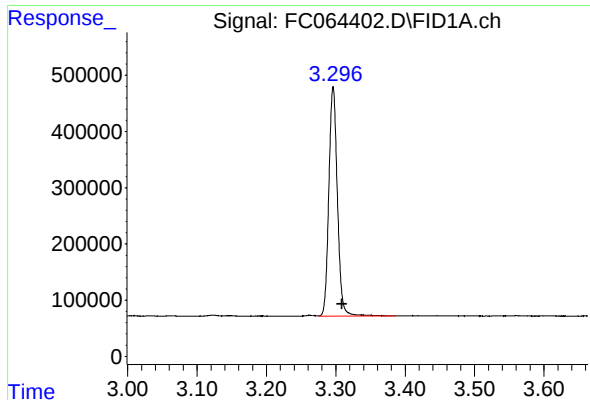
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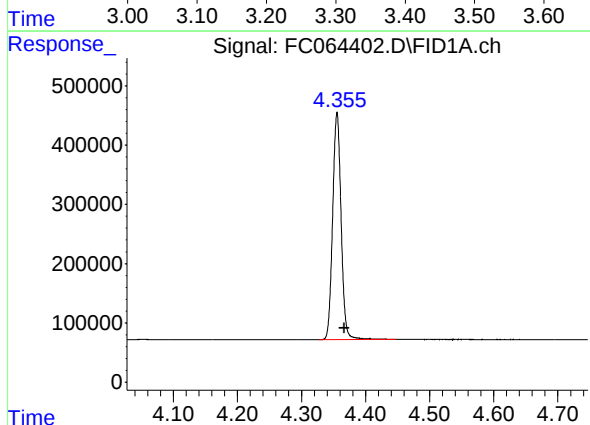




#1 n-Nonane (C9)

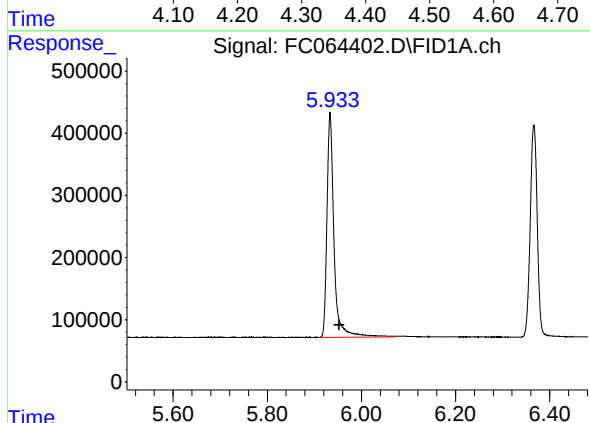
R.T.: 3.296 min
Delta R.T.: -0.013 min
Response: 3486164
Conc: 19.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



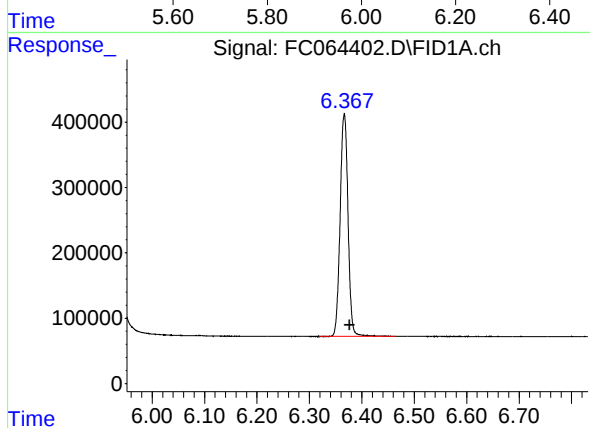
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.011 min
Response: 3525733
Conc: 20.10 ug/ml



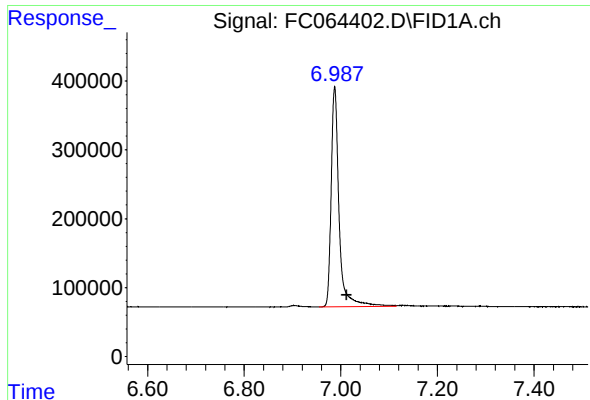
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.019 min
Response: 3763366
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

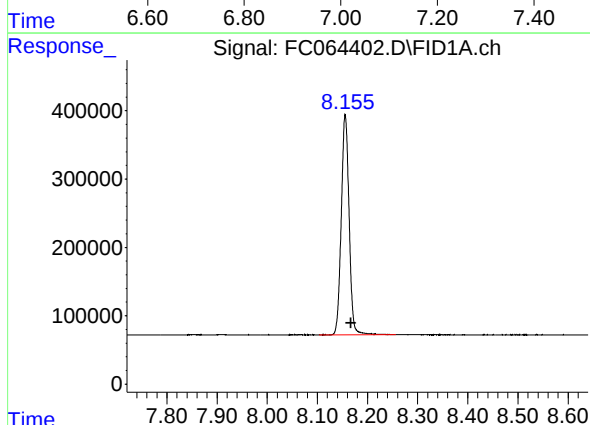
R.T.: 6.367 min
Delta R.T.: -0.011 min
Response: 3560038
Conc: 19.97 ug/ml



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

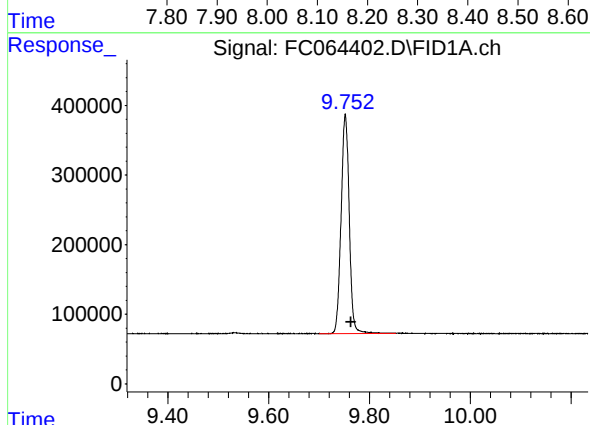
R.T.: 6.987 min
Delta R.T.: -0.025 min
Response: 3644499
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



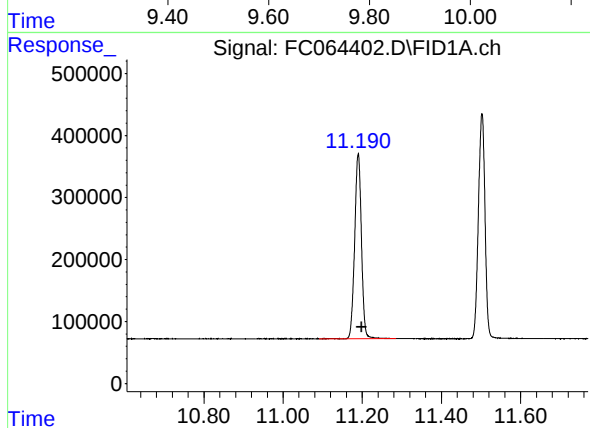
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: -0.012 min
Response: 3492826
Conc: 20.02 ug/ml



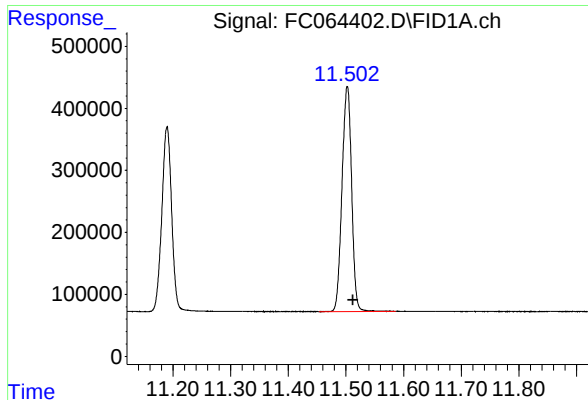
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.011 min
Response: 3528741
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

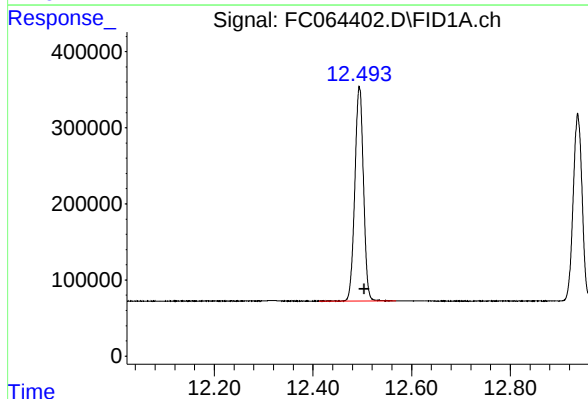
R.T.: 11.190 min
Delta R.T.: -0.009 min
Response: 3541808
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

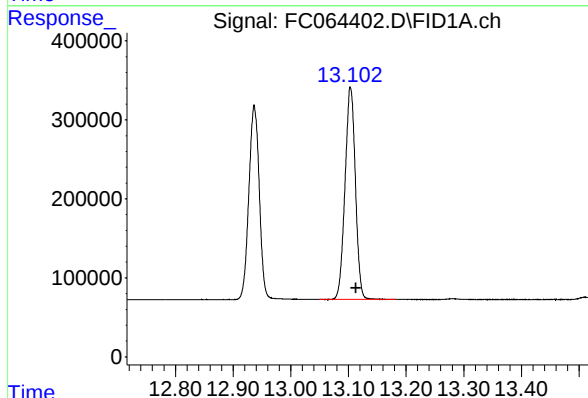
R.T.: 11.503 min
Delta R.T.: -0.010 min
Response: 4213175
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



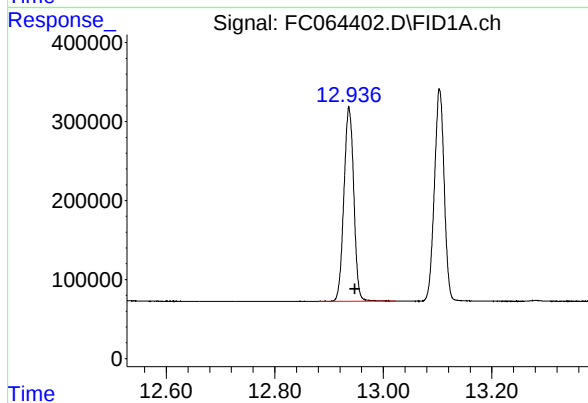
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.010 min
Response: 3420138
Conc: 20.22 ug/ml



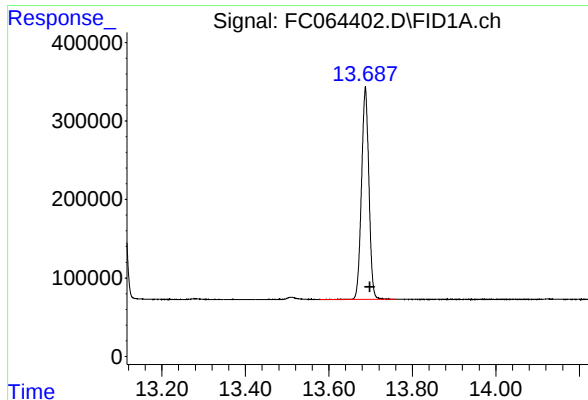
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.009 min
Response: 3366116
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

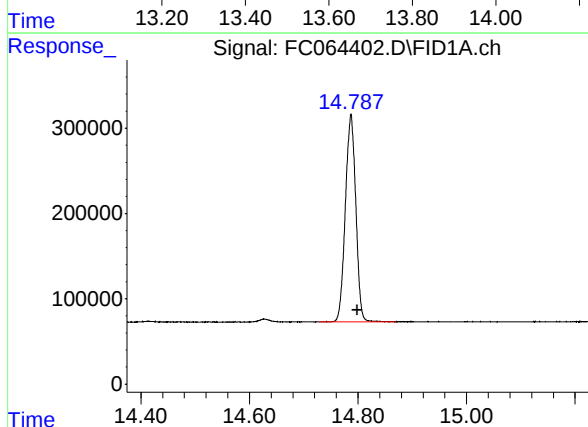
R.T.: 12.937 min
Delta R.T.: -0.011 min
Response: 3095121
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

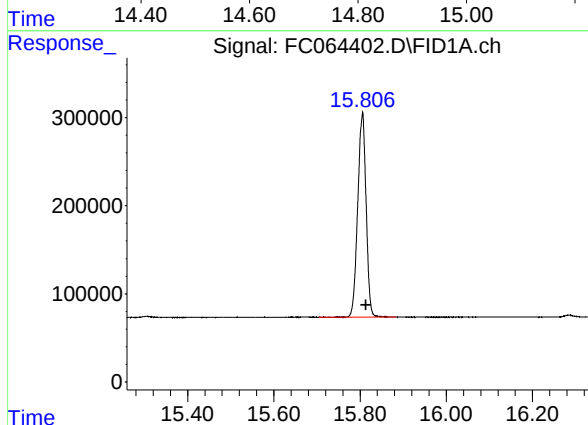
R.T.: 13.688 min
Delta R.T.: -0.011 min
Response: 3322989
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



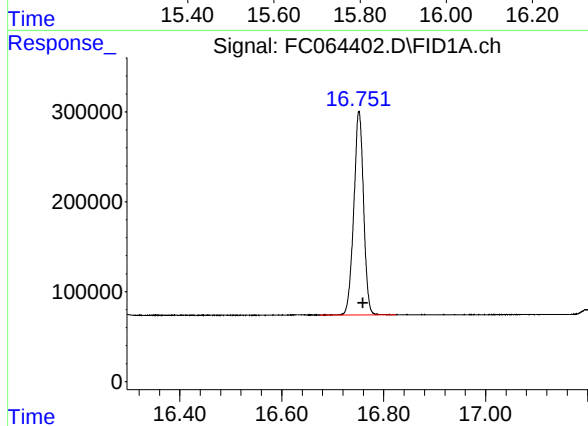
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.011 min
Response: 3243863
Conc: 20.37 ug/ml



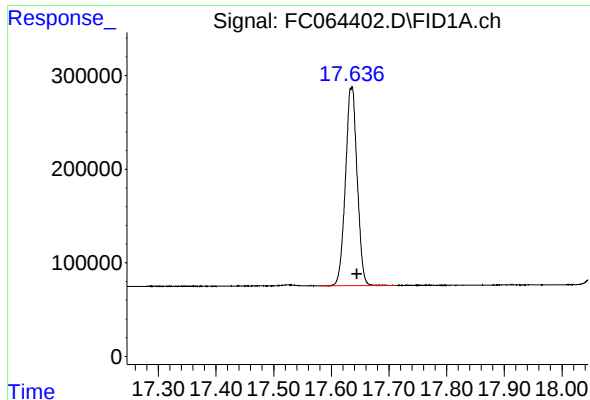
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.008 min
Response: 3130421
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

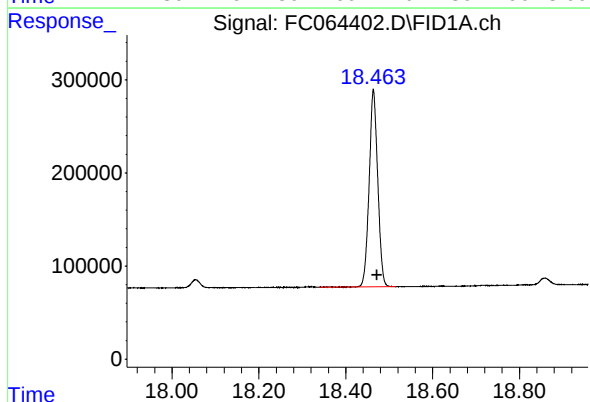
R.T.: 16.751 min
Delta R.T.: -0.008 min
Response: 3017735
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

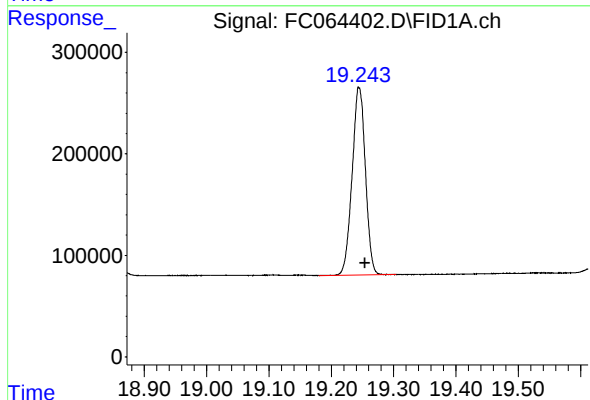
R.T.: 17.635 min
Delta R.T.: -0.009 min
Response: 3002533
Conc: 20.56 ug/ml

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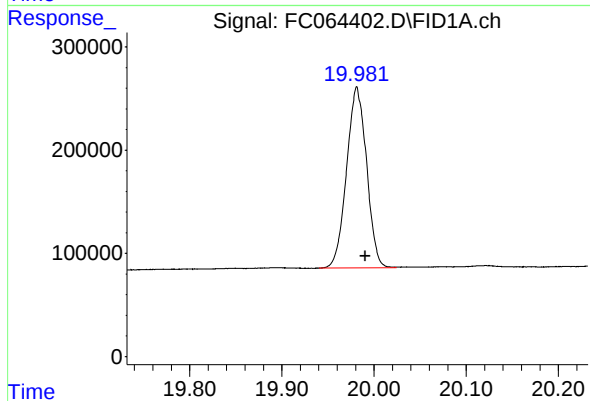
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.008 min
Response: 2905498
Conc: 20.57 ug/ml



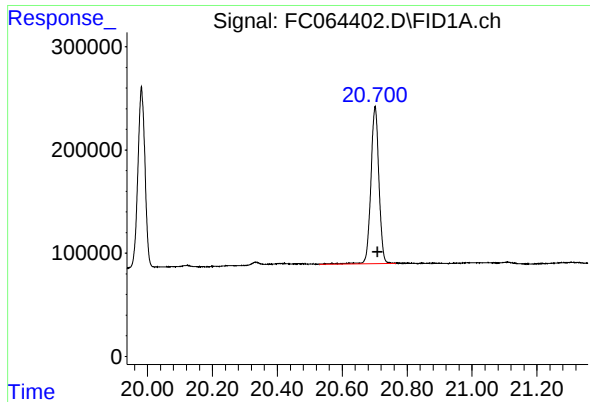
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.010 min
Response: 2736889
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

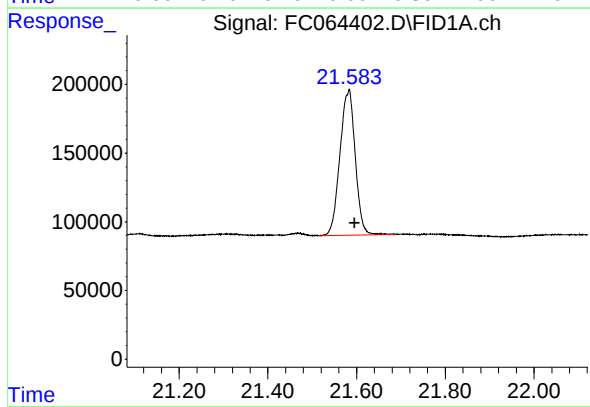
R.T.: 19.981 min
Delta R.T.: -0.009 min
Response: 2643357
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.007 min
Response: 2614015
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.013 min
Response: 2537562
Conc: 21.85 ug/ml