

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121323AL\
 Data File : FC065425.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2023 19:11
 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: Dec 13 21:19:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.500	4321716	18.628 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
12) S 1-chlorooctadecane (S...	12.930	3158949	19.077 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.300	3497096	17.465 ug/ml
2) T n-Decane (C10)	4.360	3664112	18.230 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3669430	18.073 ug/ml
4) T n-Dodecane (C12)	6.370	3735304	18.368 ug/ml
5) T A~2-methylnaphthalene...	6.995	3618610	18.618 ug/ml
6) T n-Tetradecane (C14)	8.157	3669873	18.466 ug/ml
7) T n-Hexadecane (C16)	9.752	3711746	18.738 ug/ml
8) T n-Octadecane (C18)	11.187	3722407	18.794 ug/ml
10) T n-Eicosane (C20)	12.489	3593790	18.991 ug/ml
11) T n-Heneicosane (C21)	13.097	3483361	18.852 ug/ml
13) T n-Docosane (C22)	13.681	3501237	19.407 ug/ml
14) T n-Tetracosane (C24)	14.778	3506336	20.224 ug/ml
15) T n-Hexacosane (C26)	15.795	3456551	20.758 ug/ml
16) T n-Octacosane (C28)	16.738	3491942	21.832 ug/ml
17) T n-Tricontane (C30)	17.621	3643275	22.881 ug/ml
18) T n-Dotriacontane (C32)	18.451	3596318	22.877 ug/ml
19) T n-Tetratriacontane (C34)	19.230	3303752	21.409 ug/ml
20) T n-Hexatriacontane (C36)	19.966	3091170	20.166 ug/ml
21) T n-Octatriacontane (C38)	20.683	2923020	19.223 ug/ml
22) T n-Tetracontane (C40)	21.554	2837612	18.929 ug/ml

(f)=RT Delta > 1/2 Window

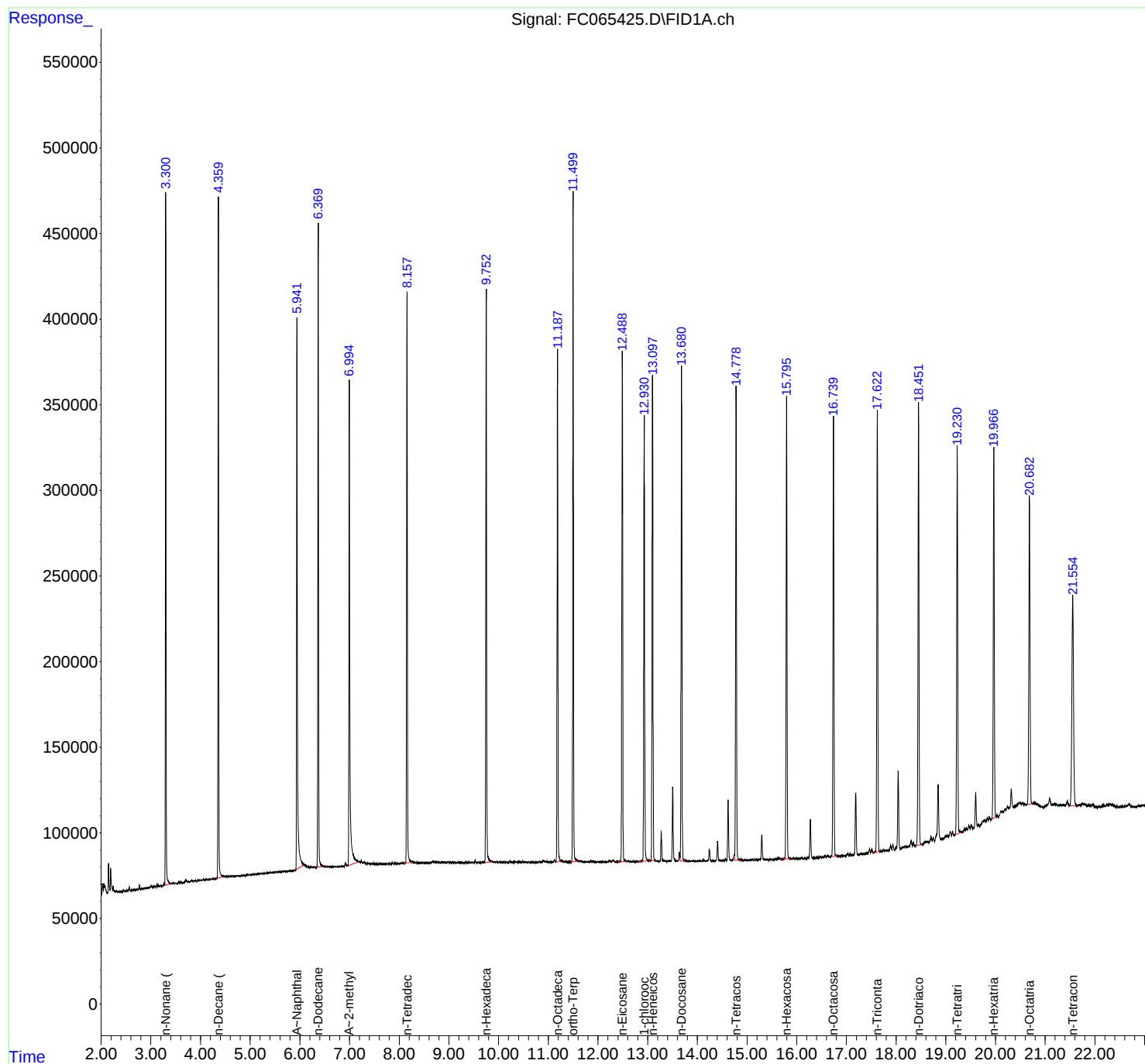
(m)=manual int.

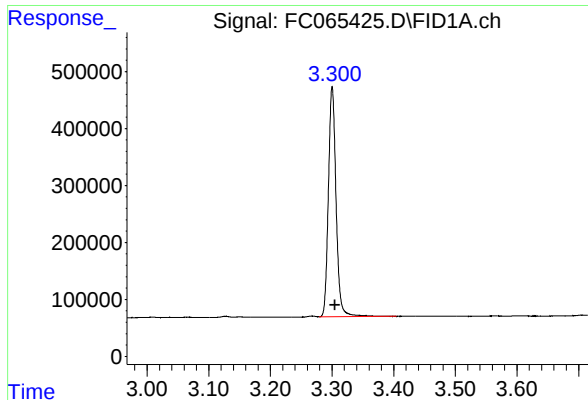
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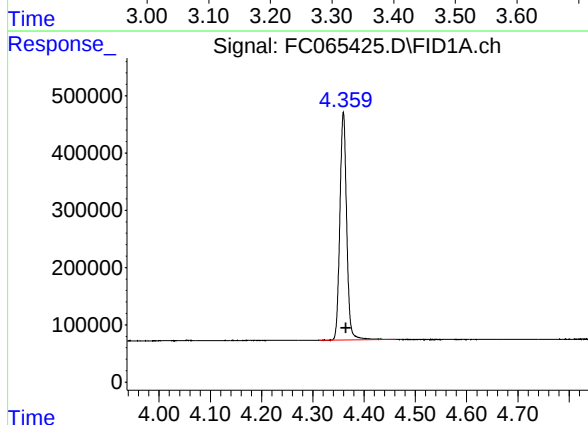




#1 n-Nonane (C9)

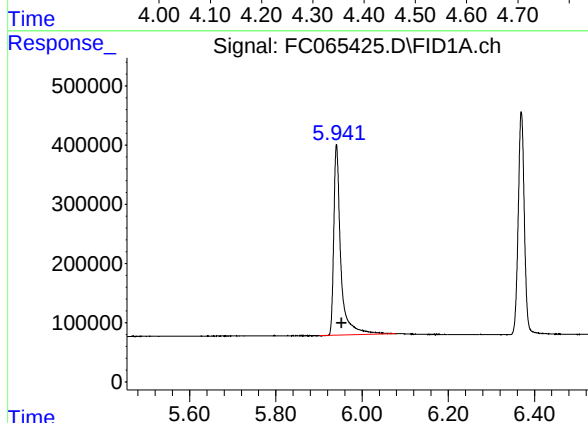
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 3497096
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



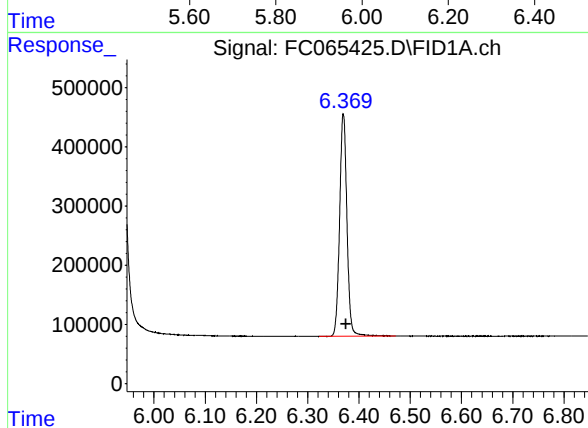
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 3664112
Conc: 18.23 ug/ml



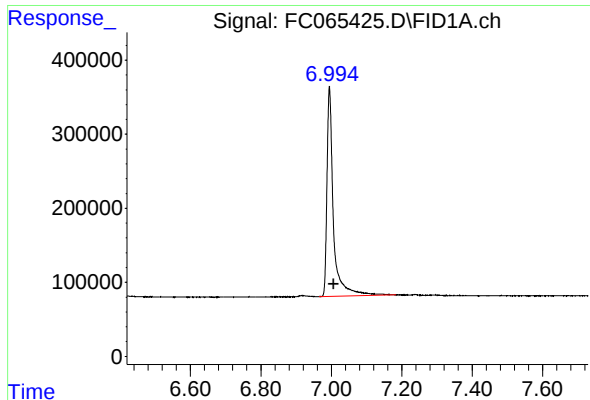
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3669430
Conc: 18.07 ug/ml



#4 n-Dodecane (C12)

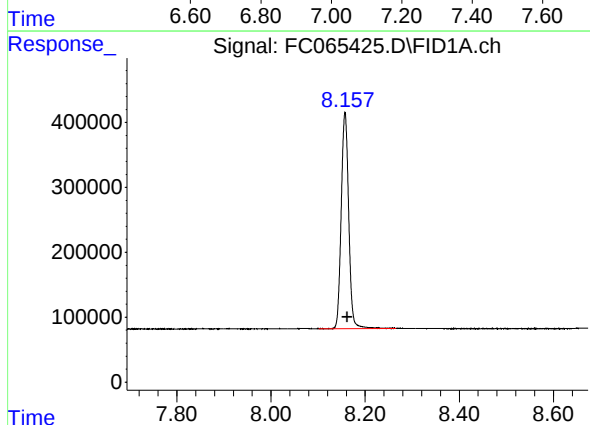
R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 3735304
Conc: 18.37 ug/ml



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

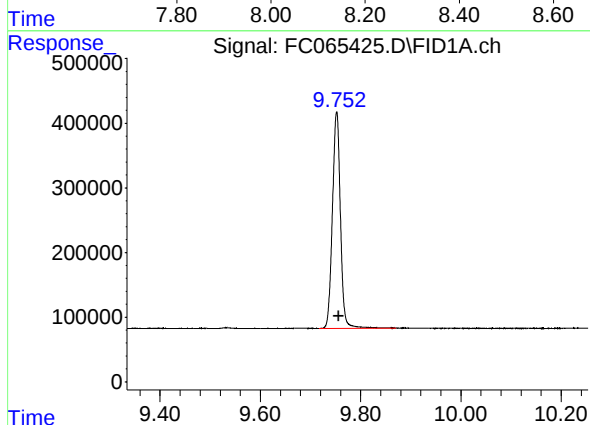
R.T.: 6.995 min
Delta R.T.: -0.012 min
Response: 3618610
Conc: 18.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



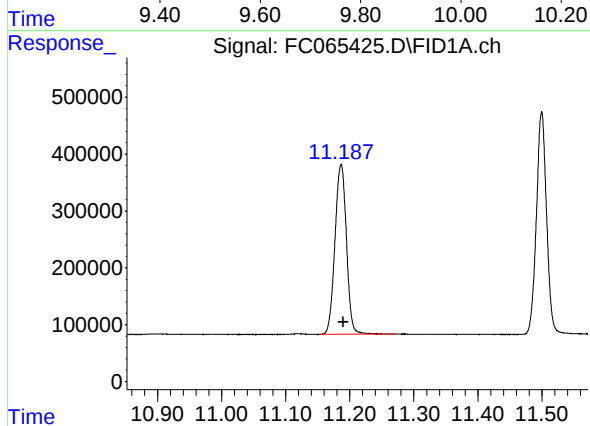
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 3669873
Conc: 18.47 ug/ml



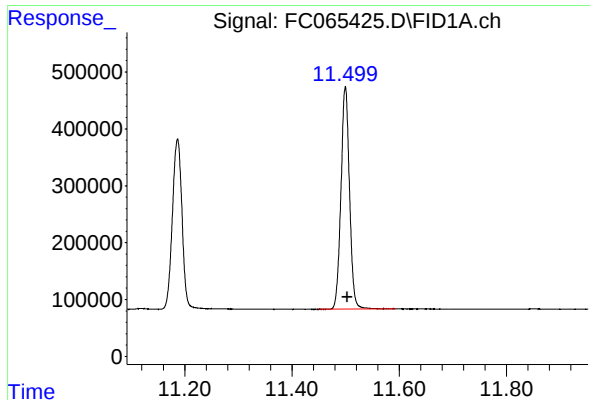
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3711746
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

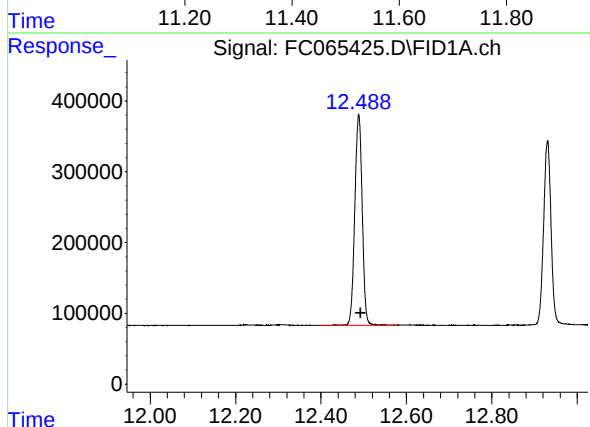
R.T.: 11.187 min
Delta R.T.: -0.003 min
Response: 3722407
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

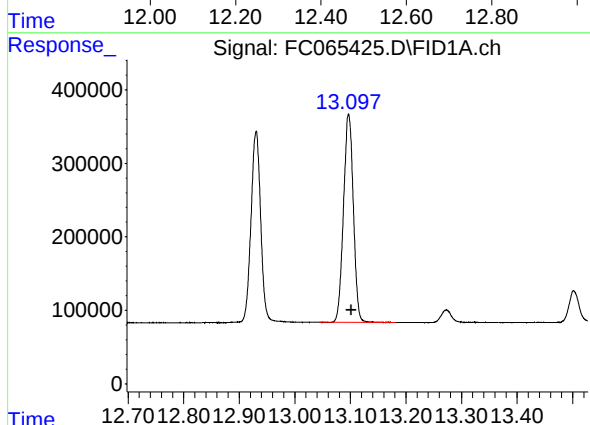
R.T.: 11.500 min
Delta R.T.: -0.003 min
Response: 4321716
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



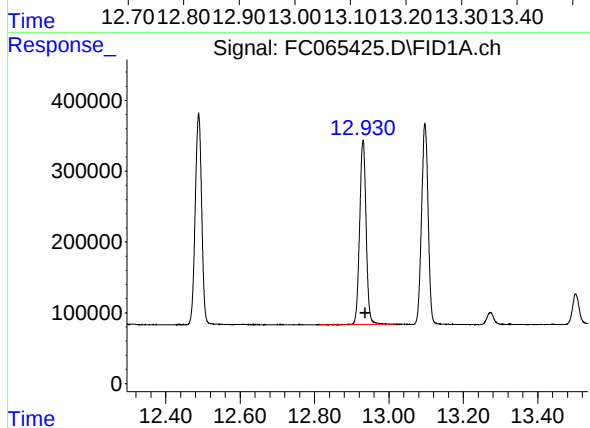
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3593790
Conc: 18.99 ug/ml



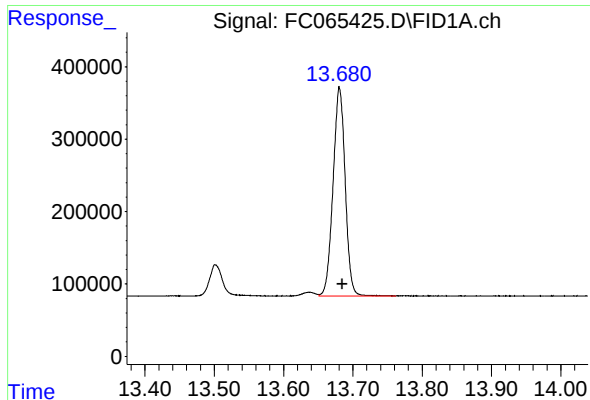
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 3483361
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

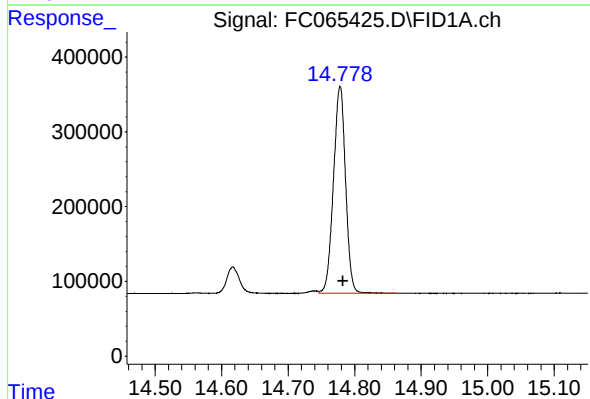
R.T.: 12.930 min
Delta R.T.: -0.006 min
Response: 3158949
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

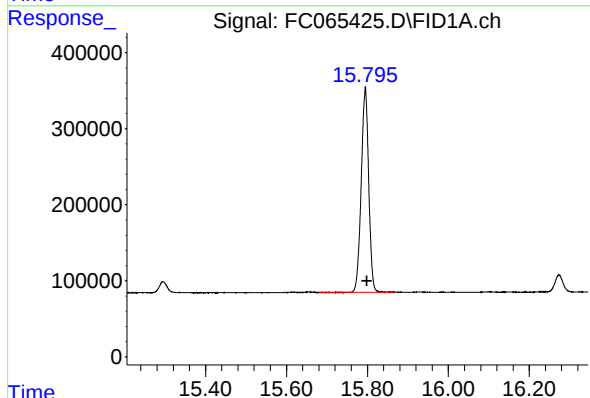
R.T.: 13.681 min
Delta R.T.: -0.004 min
Response: 3501237
Conc: 19.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



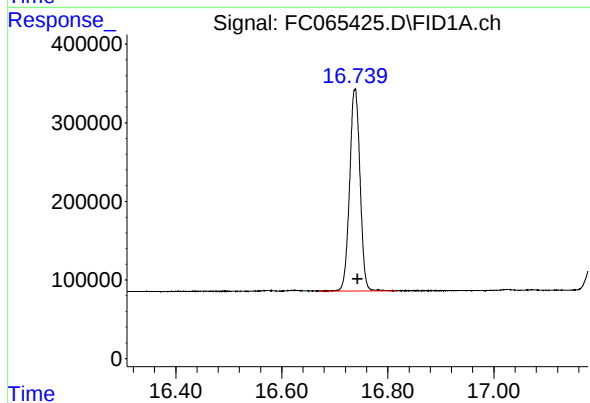
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.005 min
Response: 3506336
Conc: 20.22 ug/ml



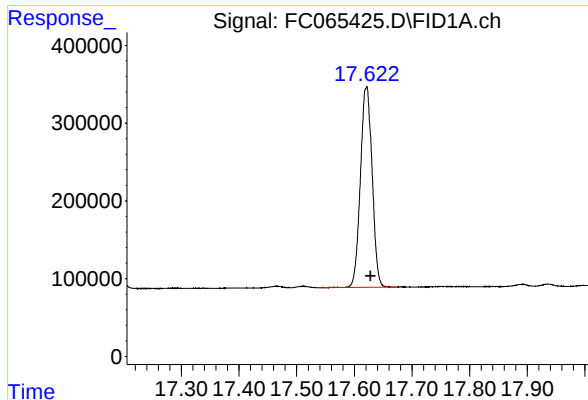
#15 n-Hexacosane (C26)

R.T.: 15.795 min
Delta R.T.: -0.004 min
Response: 3456551
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

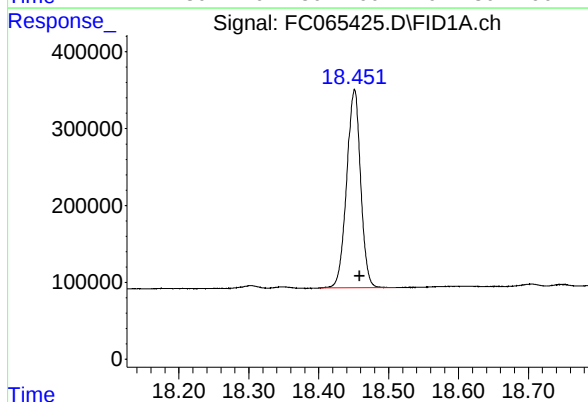
R.T.: 16.738 min
Delta R.T.: -0.005 min
Response: 3491942
Conc: 21.83 ug/ml



#17 n-Tricontane (C30)

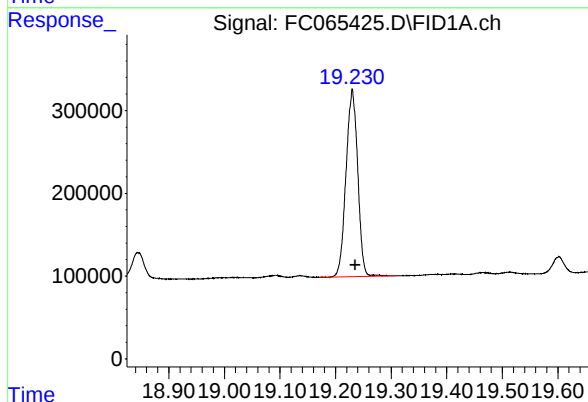
R.T.: 17.621 min
Delta R.T.: -0.007 min
Response: 3643275
Conc: 22.88 ug/ml

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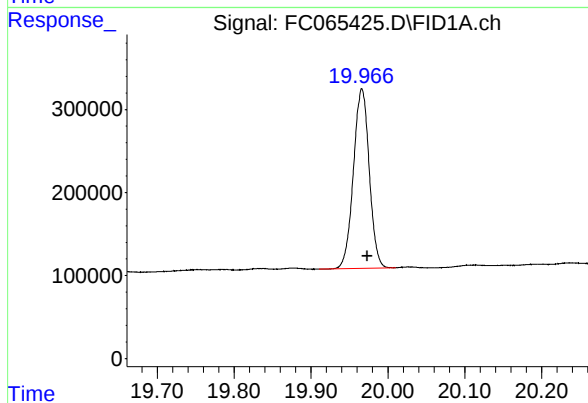
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: -0.007 min
Response: 3596318
Conc: 22.88 ug/ml



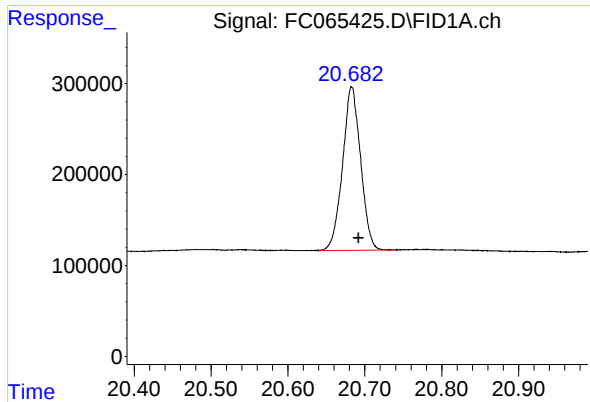
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min
Delta R.T.: -0.005 min
Response: 3303752
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

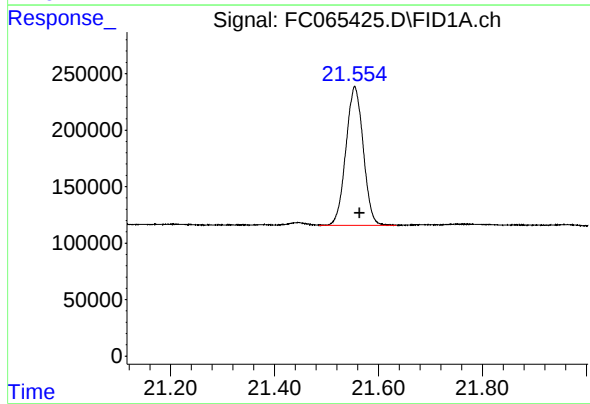
R.T.: 19.966 min
Delta R.T.: -0.007 min
Response: 3091170
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: -0.009 min
Response: 2923020
Conc: 19.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: -0.010 min
Response: 2837612
Conc: 18.93 ug/ml