

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110623AL\
 Data File : FC065010.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2023 08:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 23:10:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.510	5039469	22.898 ug/ml
Spiked Amount 50.000		Recovery =	45.80%
12) S 1-chlorooctadecane (S...	12.943	3603334	22.794 ug/ml
Spiked Amount 50.000		Recovery =	45.59%
Target Compounds			
1) T n-Nonane (C9)	3.308	4337388	22.941 ug/ml
2) T n-Decane (C10)	4.368	4388239	23.079 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4544011	23.535 ug/ml
4) T n-Dodecane (C12)	6.379	4428406	22.924 ug/ml
5) T A~2-methylnaphthalene...	7.003	4329320	23.559 ug/ml
6) T n-Tetradecane (C14)	8.168	4331989	22.958 ug/ml
7) T n-Hexadecane (C16)	9.762	4351522	23.021 ug/ml
8) T n-Octadecane (C18)	11.197	4345657	23.026 ug/ml
10) T n-Eicosane (C20)	12.500	4123202	22.935 ug/ml
11) T n-Heneicosane (C21)	13.109	4018235	22.887 ug/ml
13) T n-Docosane (C22)	13.693	3922493	22.835 ug/ml
14) T n-Tetracosane (C24)	14.790	3765214	22.606 ug/ml
15) T n-Hexacosane (C26)	15.807	3618103	22.542 ug/ml
16) T n-Octacosane (C28)	16.753	3511599	22.438 ug/ml
17) T n-Tricontane (C30)	17.637	3547313	22.396 ug/ml
18) T n-Dotriacontane (C32)	18.466	3513957	22.255 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3415901	22.379 ug/ml
20) T n-Hexatriacontane (C36)	19.982	3320267	22.006 ug/ml
21) T n-Octatriacontane (C38)	20.703	3275947	22.013 ug/ml
22) T n-Tetracontane (C40)	21.582	3235132	21.996 ug/ml

(f)=RT Delta > 1/2 Window

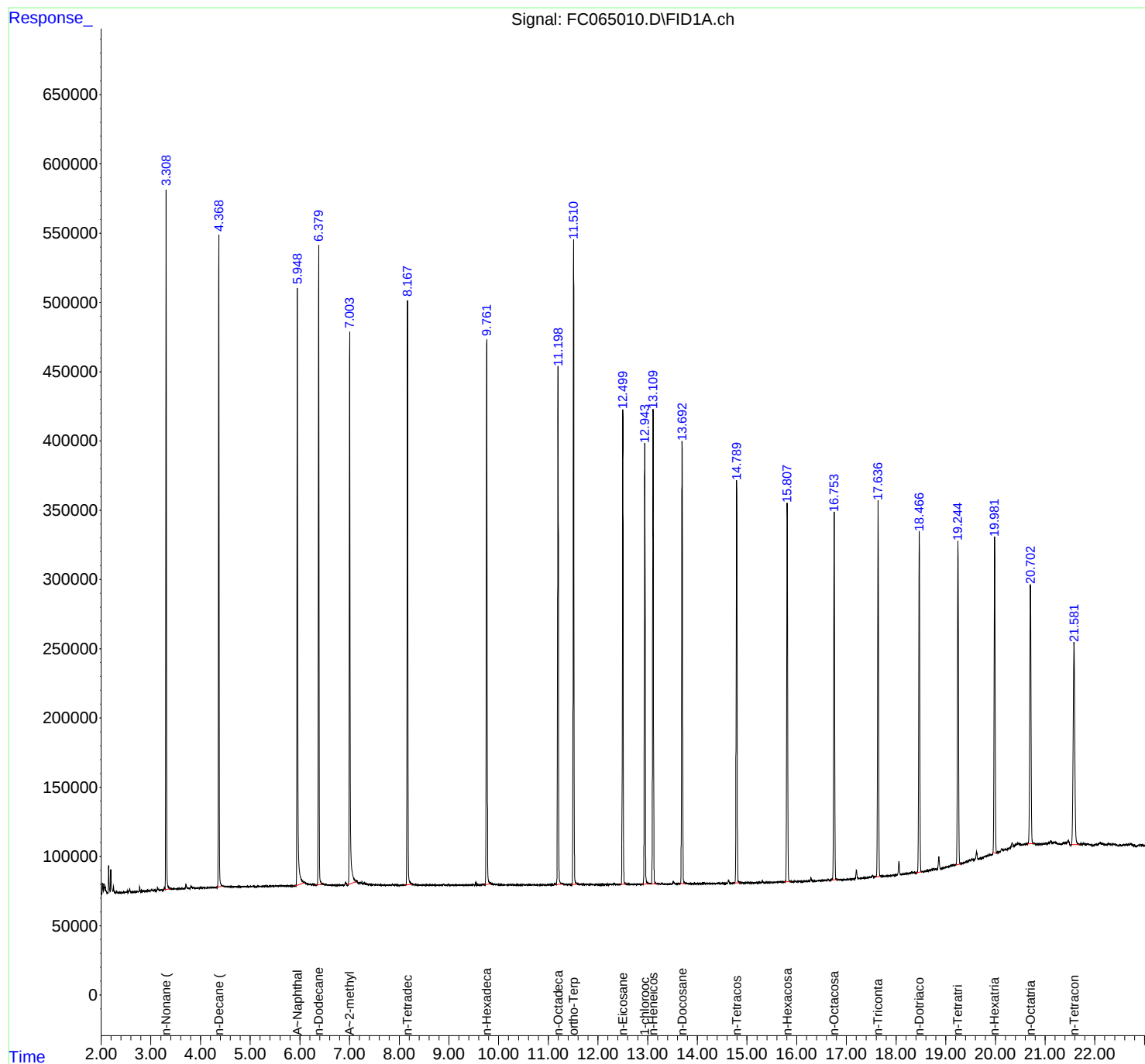
(m)=manual int.

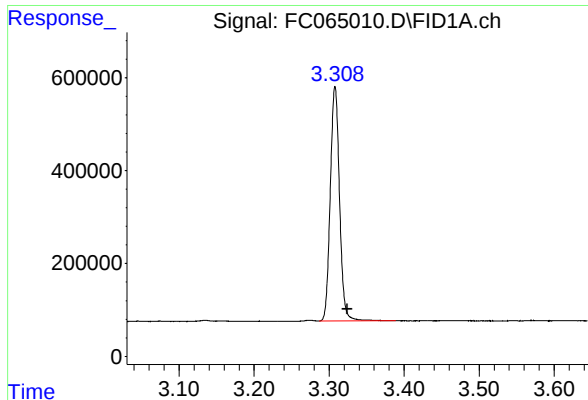
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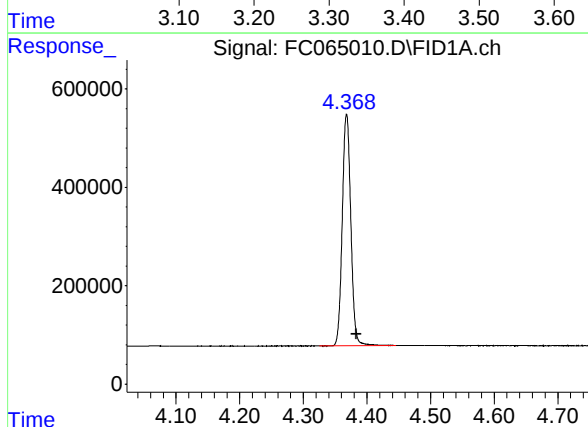




#1 n-Nonane (C9)

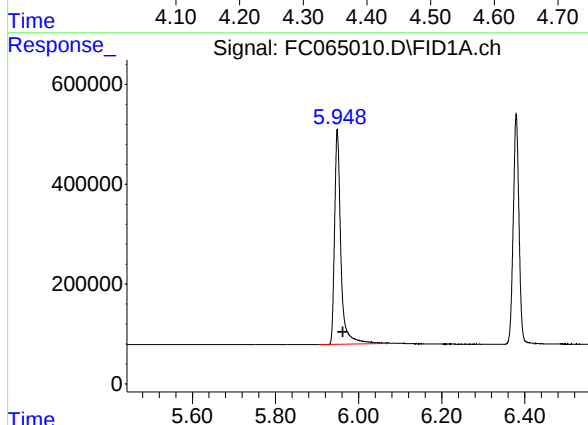
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 4337388
Conc: 22.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



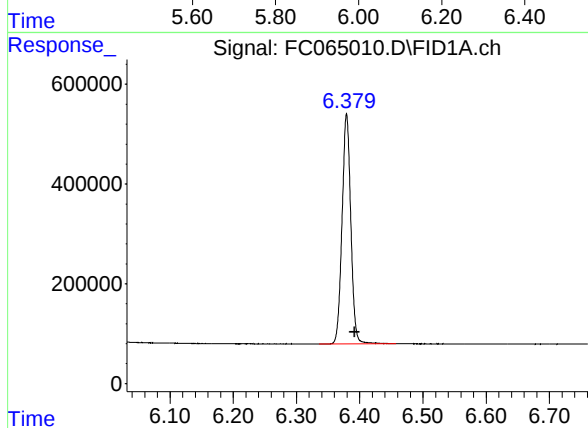
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 4388239
Conc: 23.08 ug/ml



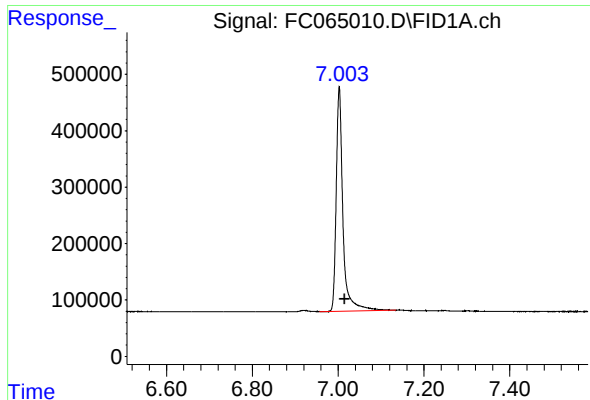
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 4544011
Conc: 23.53 ug/ml



#4 n-Dodecane (C12)

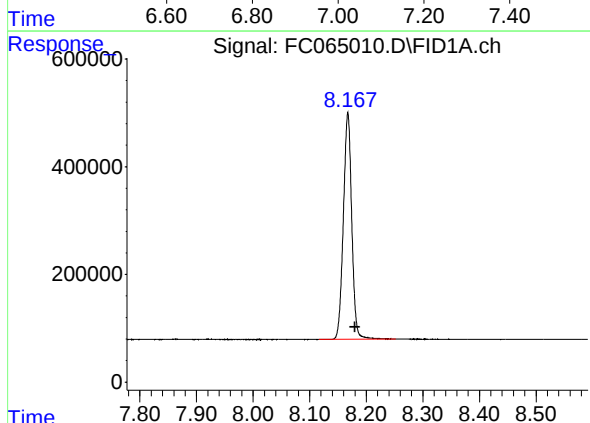
R.T.: 6.379 min
Delta R.T.: -0.012 min
Response: 4428406
Conc: 22.92 ug/ml



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

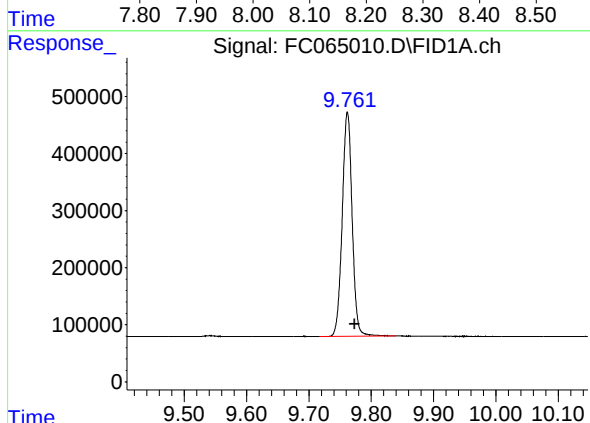
R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 4329320
Conc: 23.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



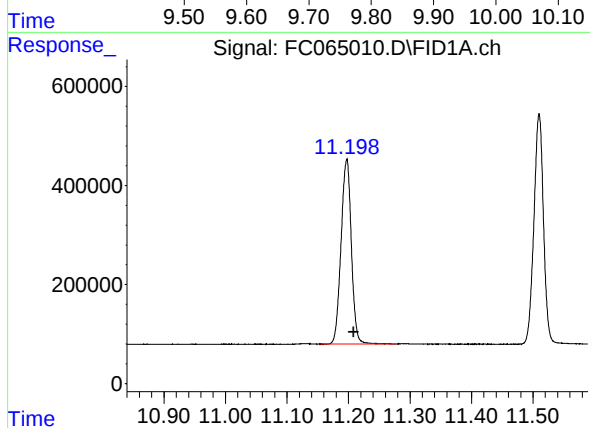
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 4331989
Conc: 22.96 ug/ml



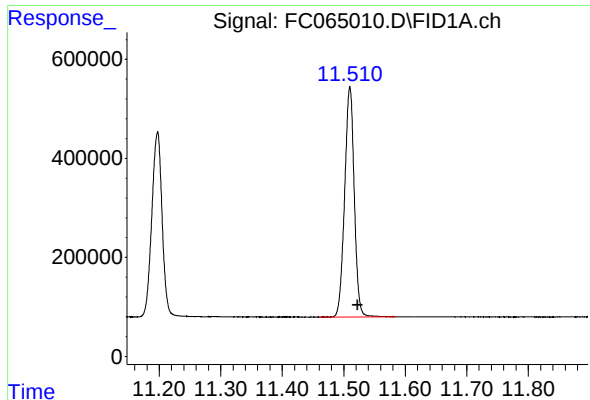
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 4351522
Conc: 23.02 ug/ml



#8 n-Octadecane (C18)

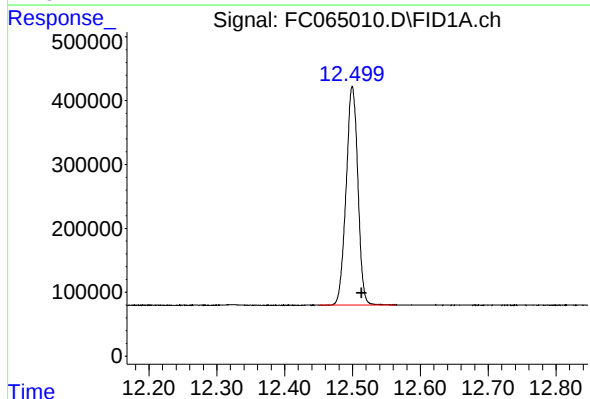
R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 4345657
Conc: 23.03 ug/ml



#9 ortho-Terphenyl (SURR)

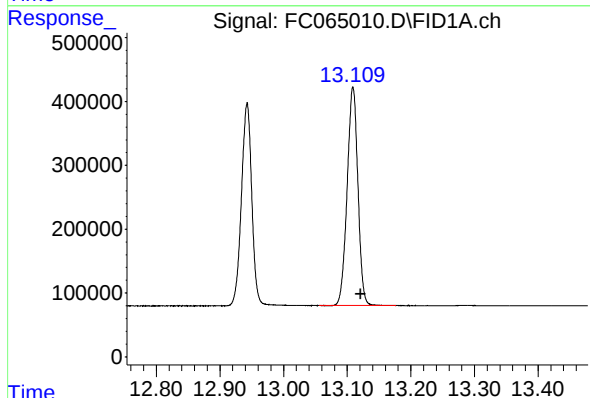
R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 5039469
Conc: 22.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



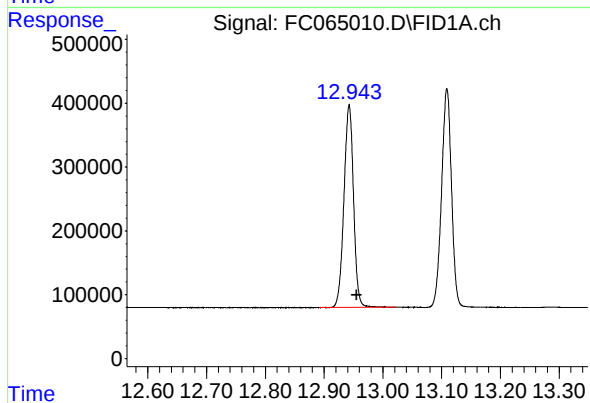
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.014 min
Response: 4123202
Conc: 22.93 ug/ml



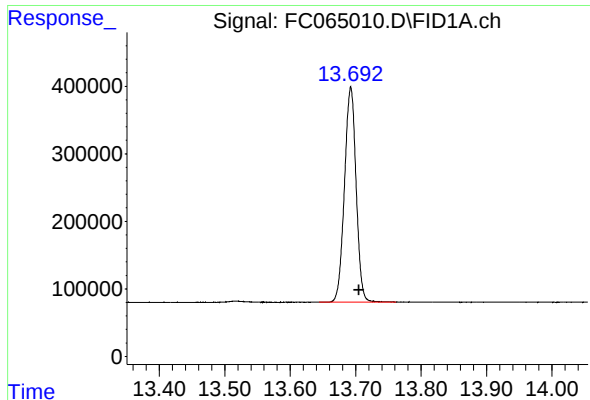
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.012 min
Response: 4018235
Conc: 22.89 ug/ml



#12 1-chlorooctadecane (SURR)

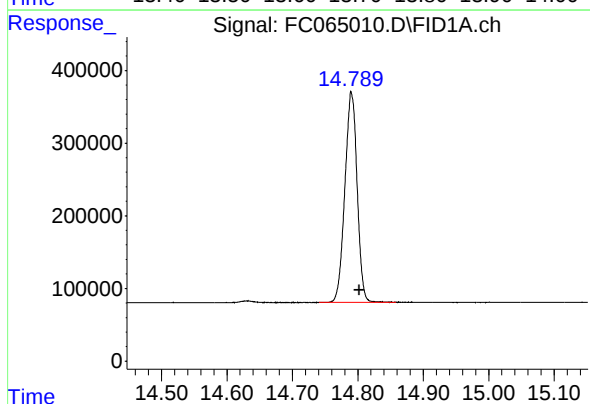
R.T.: 12.943 min
Delta R.T.: -0.012 min
Response: 3603334
Conc: 22.79 ug/ml



#13 n-Docosane (C22)

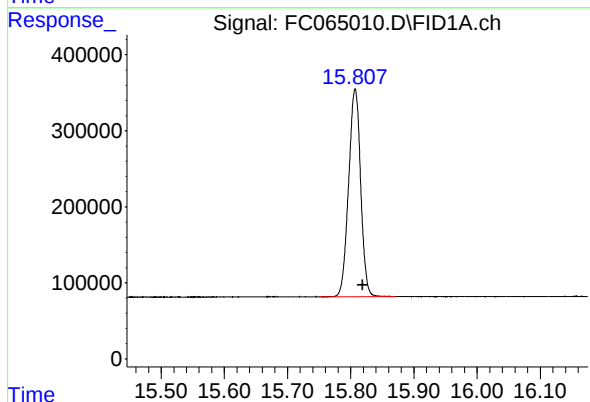
R.T.: 13.693 min
Delta R.T.: -0.013 min
Response: 3922493
Conc: 22.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



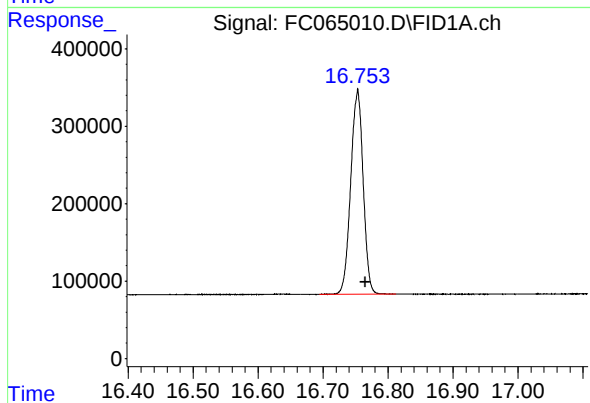
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.012 min
Response: 3765214
Conc: 22.61 ug/ml



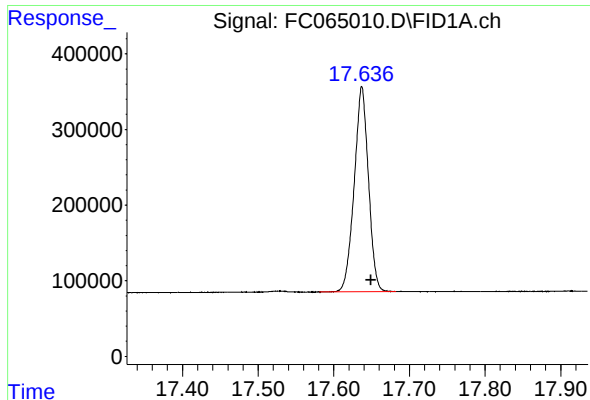
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 3618103
Conc: 22.54 ug/ml



#16 n-Octacosane (C28)

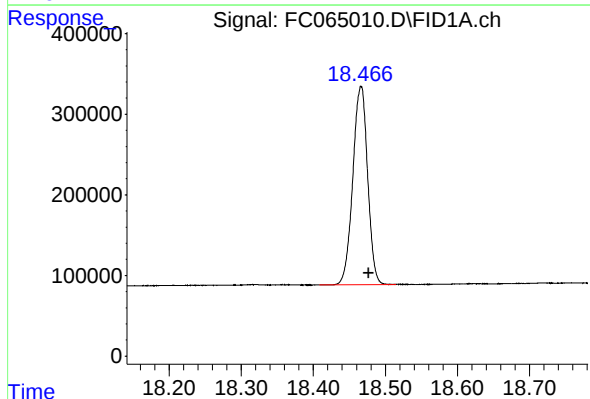
R.T.: 16.753 min
Delta R.T.: -0.011 min
Response: 3511599
Conc: 22.44 ug/ml



#17 n-Tricontane (C30)

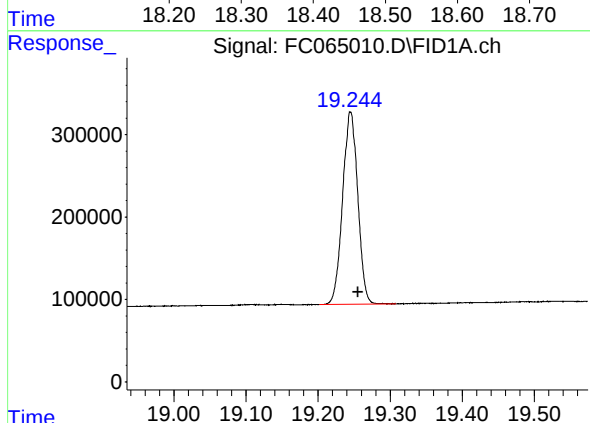
R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 3547313
Conc: 22.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



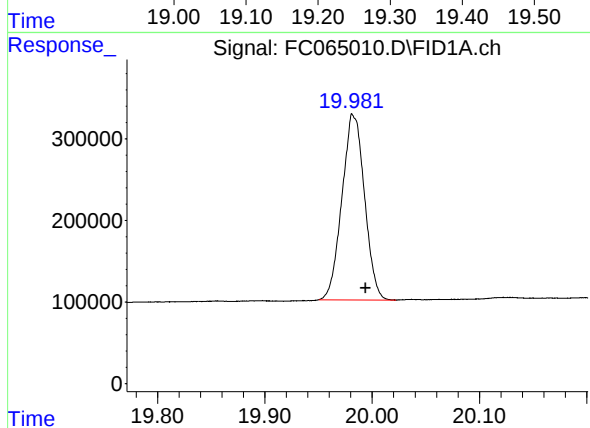
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.010 min
Response: 3513957
Conc: 22.26 ug/ml



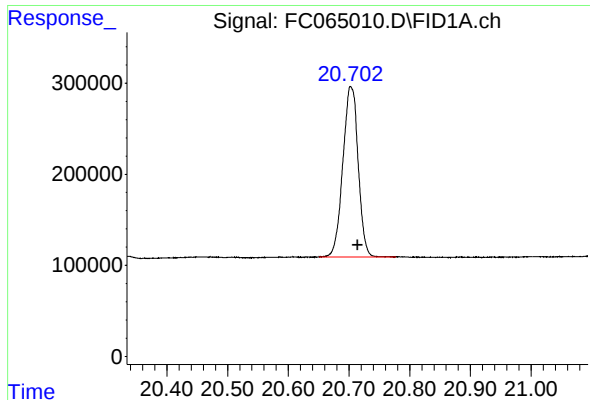
#19 n-Tetatriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.011 min
Response: 3415901
Conc: 22.38 ug/ml



#20 n-Hexatriacontane (C36)

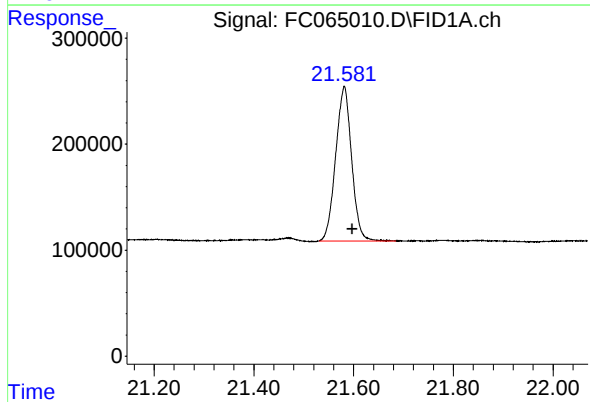
R.T.: 19.982 min
Delta R.T.: -0.011 min
Response: 3320267
Conc: 22.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.011 min
Response: 3275947
Conc: 22.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: -0.016 min
Response: 3235132
Conc: 22.00 ug/ml