

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121323AL\
 Data File : FC065410.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2023 07:06
 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: Dec 13 21:16:49 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)	11.501	4262902	18.374 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
12) S 1-chlorooctadecane (S...	12.932	3121987	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.300	3406716	17.013 ug/ml
2) T n-Decane (C10)	4.360	3588512	17.854 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3683149	18.141 ug/ml
4) T n-Dodecane (C12)	6.370	3662643	18.011 ug/ml
5) T A~2-methylnaphthalene...	6.996	3571705	18.377 ug/ml
6) T n-Tetradecane (C14)	8.159	3611107	18.171 ug/ml
7) T n-Hexadecane (C16)	9.752	3655532	18.454 ug/ml
8) T n-Octadecane (C18)	11.187	3674326	18.551 ug/ml
10) T n-Eicosane (C20)	12.489	3535472	18.683 ug/ml
11) T n-Heneicosane (C21)	13.098	3438598	18.610 ug/ml
13) T n-Docosane (C22)	13.681	3449494	19.120 ug/ml
14) T n-Tetracosane (C24)	14.778	3485591	20.105 ug/ml
15) T n-Hexacosane (C26)	15.794	3414837	20.508 ug/ml
16) T n-Octacosane (C28)	16.740	3442550	21.524 ug/ml
17) T n-Tricontane (C30)	17.624	3573861	22.445 ug/ml
18) T n-Dotriacontane (C32)	18.452	3525414	22.426 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3196805	20.716 ug/ml
20) T n-Hexatriacontane (C36)	19.968	3045265	19.866 ug/ml
21) T n-Octatriacontane (C38)	20.685	2900674	19.076 ug/ml
22) T n-Tetracontane (C40)	21.559	2804500	18.708 ug/ml

(f)=RT Delta > 1/2 Window

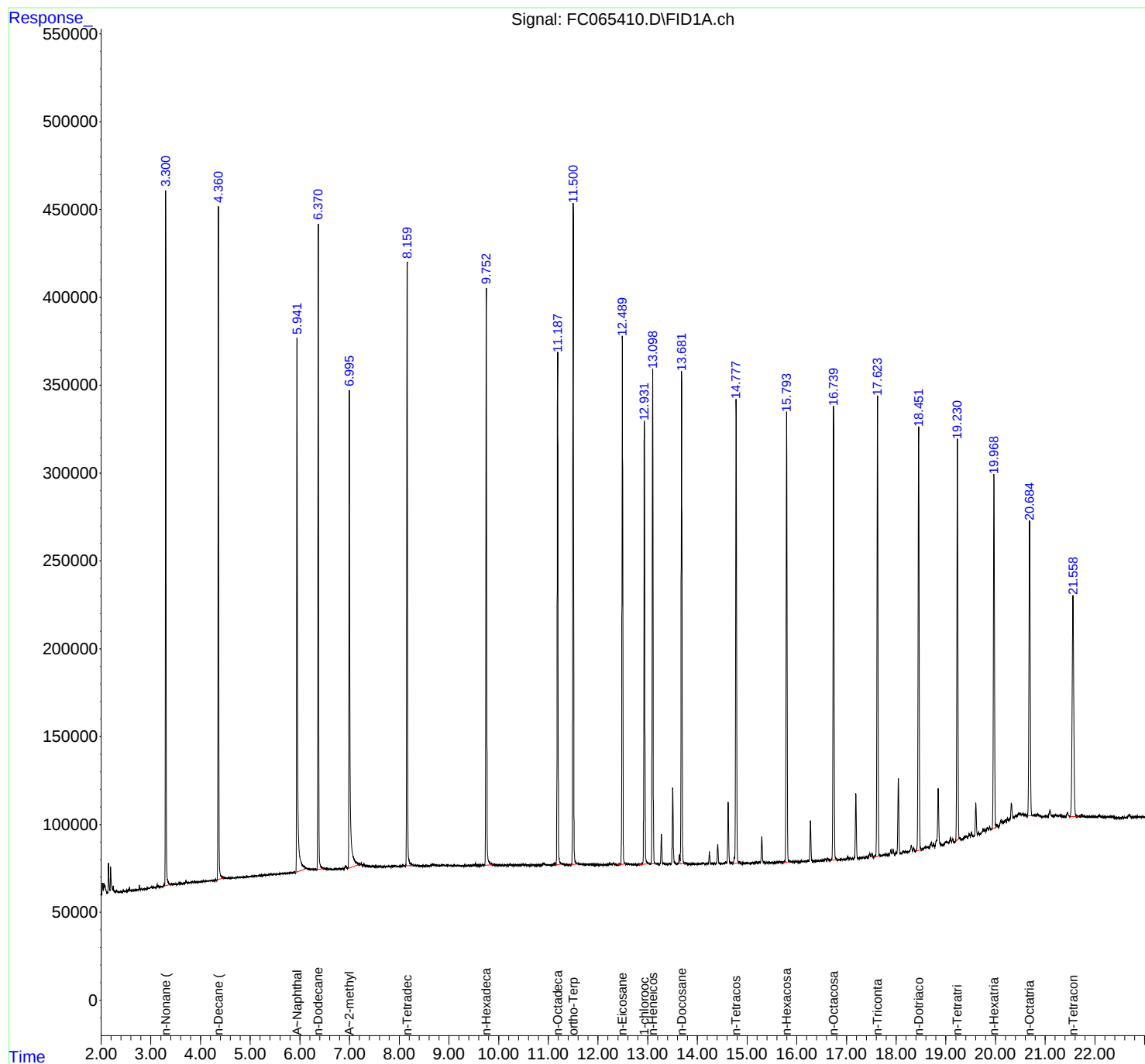
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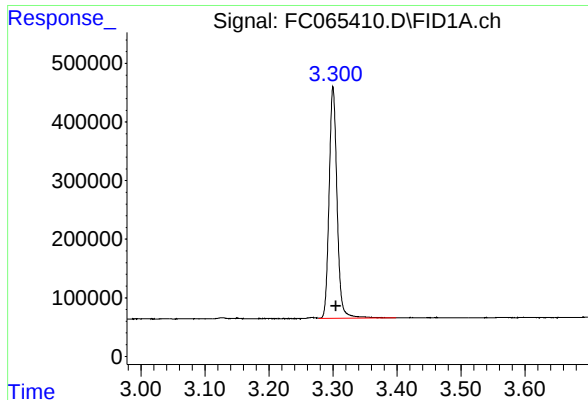
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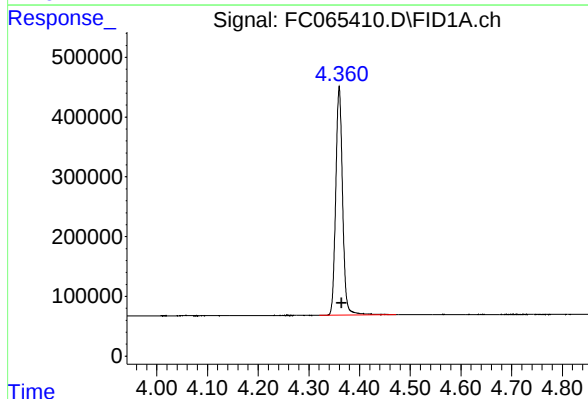




#1 n-Nonane (C9)

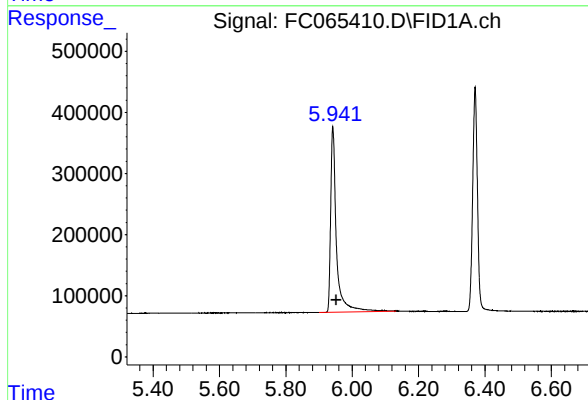
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 3406716
Conc: 17.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



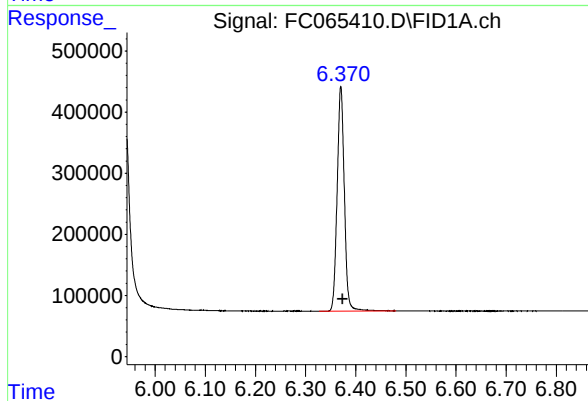
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 3588512
Conc: 17.85 ug/ml



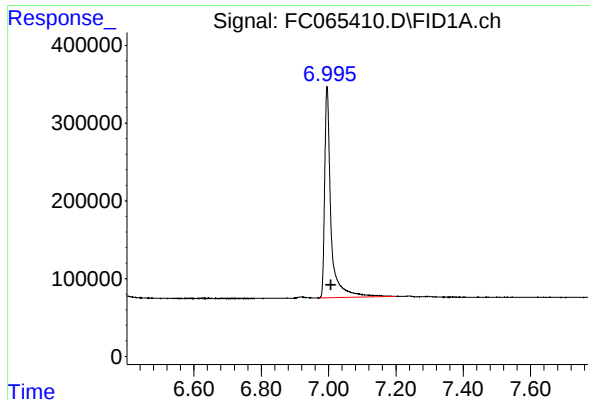
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 3683149
Conc: 18.14 ug/ml



#4 n-Dodecane (C12)

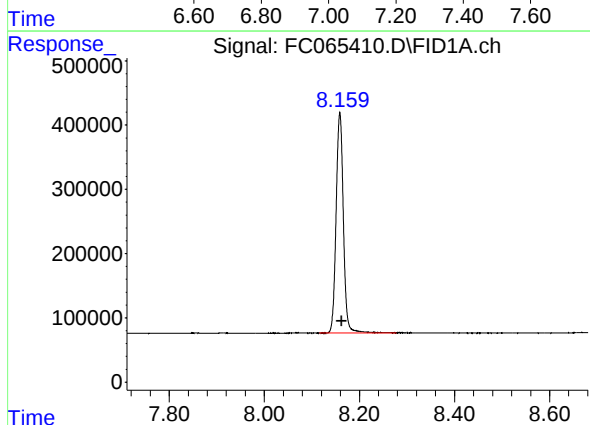
R.T.: 6.370 min
Delta R.T.: -0.004 min
Response: 3662643
Conc: 18.01 ug/ml



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

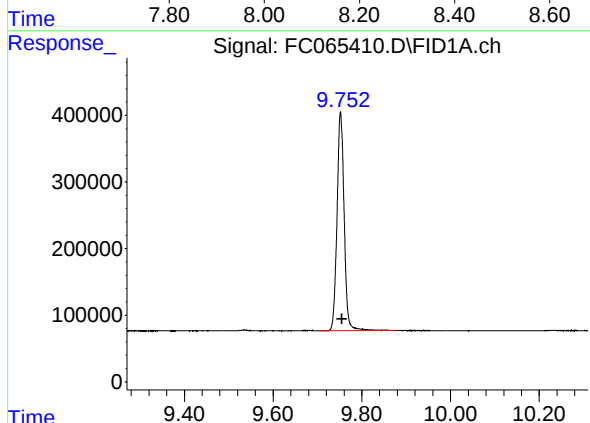
R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 3571705
Conc: 18.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



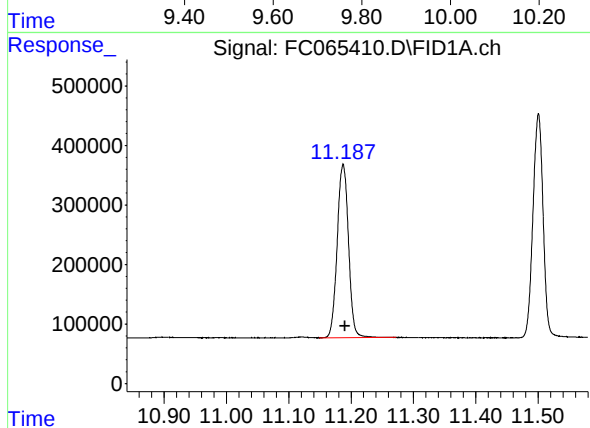
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 3611107
Conc: 18.17 ug/ml



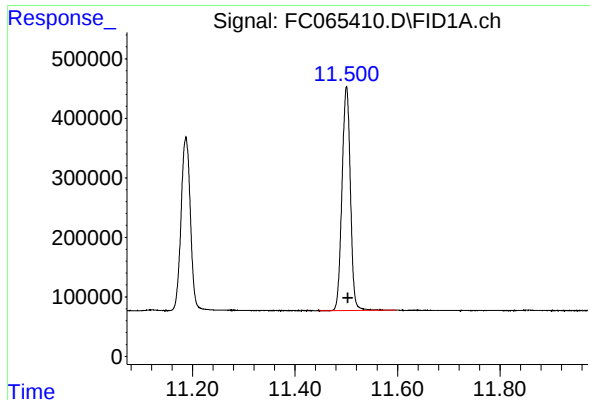
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3655532
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

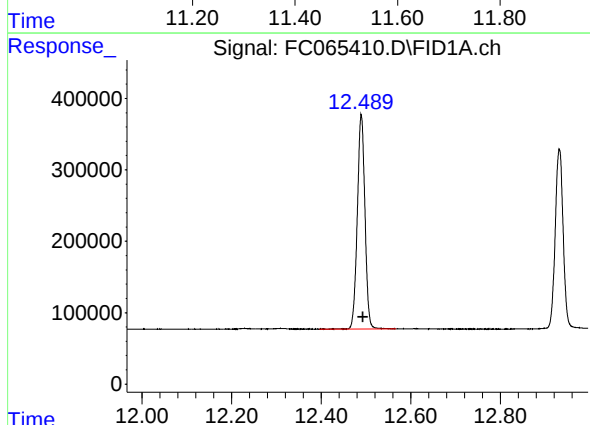
R.T.: 11.187 min
Delta R.T.: -0.003 min
Response: 3674326
Conc: 18.55 ug/ml



#9 ortho-Terphenyl (SURR)

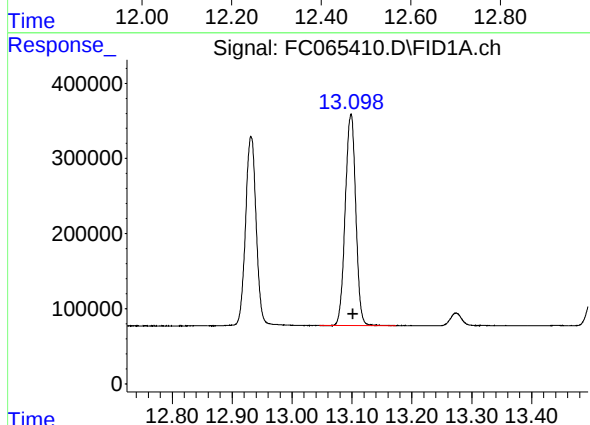
R.T.: 11.501 min
Delta R.T.: -0.002 min
Response: 4262902
Conc: 18.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



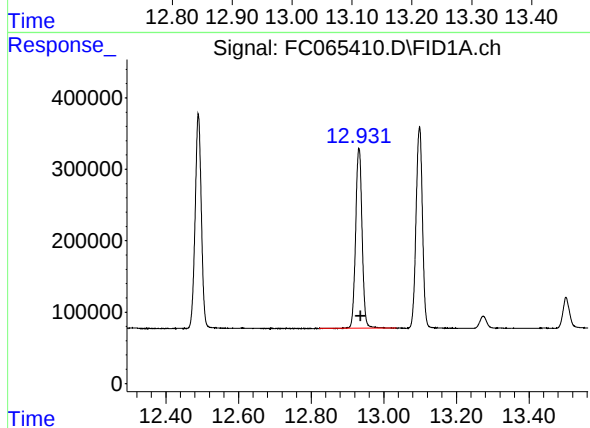
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.003 min
Response: 3535472
Conc: 18.68 ug/ml



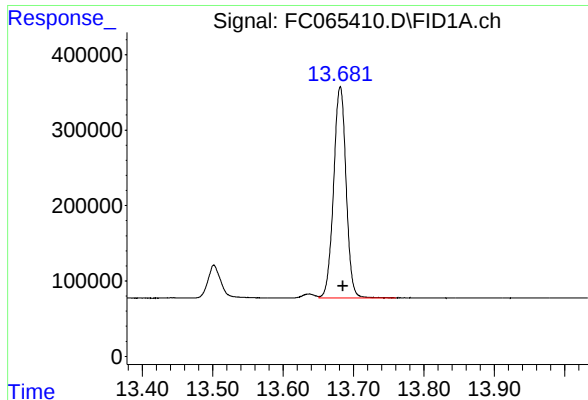
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 3438598
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

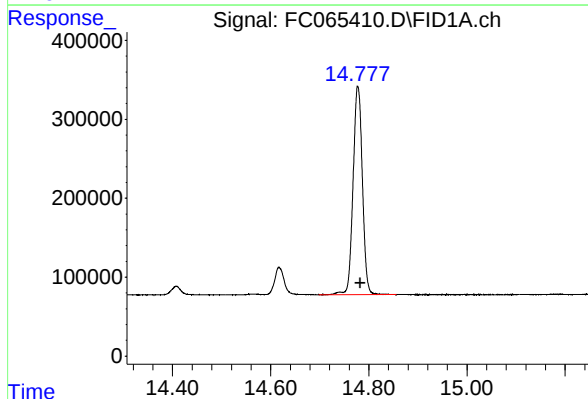
R.T.: 12.932 min
Delta R.T.: -0.004 min
Response: 3121987
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

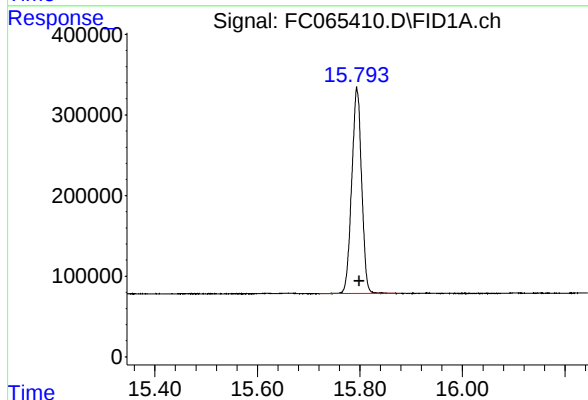
R.T.: 13.681 min
Delta R.T.: -0.004 min
Response: 3449494
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



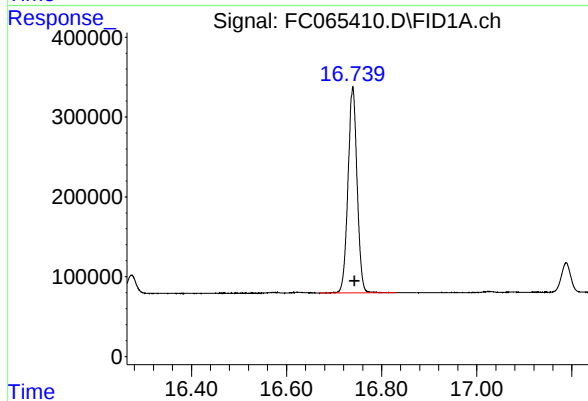
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.005 min
Response: 3485591
Conc: 20.10 ug/ml



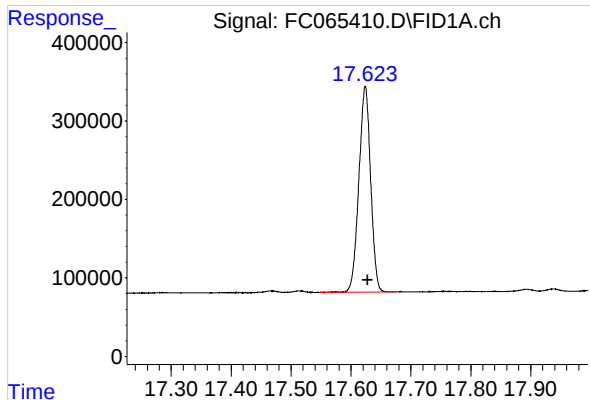
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.005 min
Response: 3414837
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

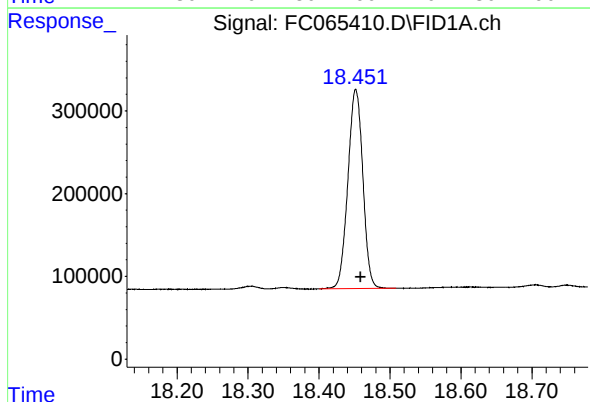
R.T.: 16.740 min
Delta R.T.: -0.004 min
Response: 3442550
Conc: 21.52 ug/ml



#17 n-Tricontane (C30)

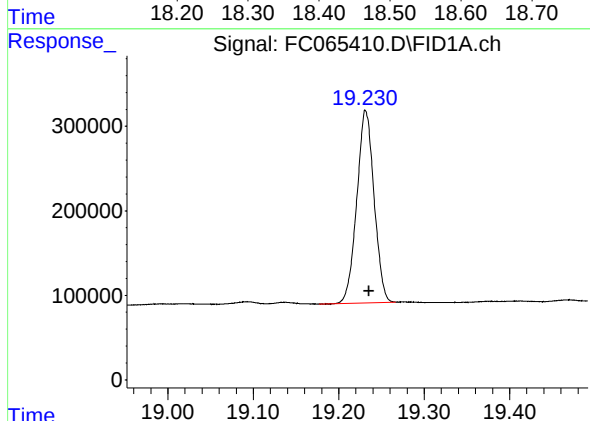
R.T.: 17.624 min
Delta R.T.: -0.004 min
Response: 3573861
Conc: 22.44 ug/ml

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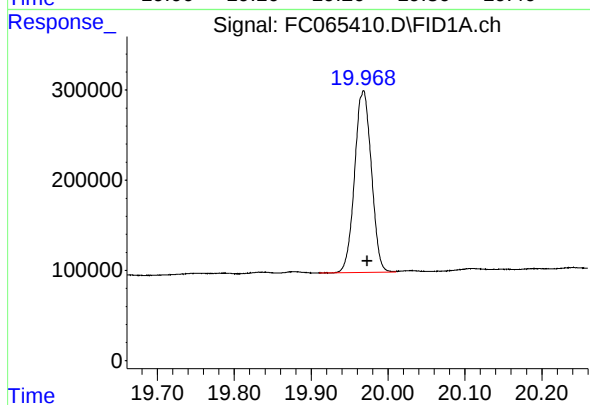
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: -0.007 min
Response: 3525414
Conc: 22.43 ug/ml



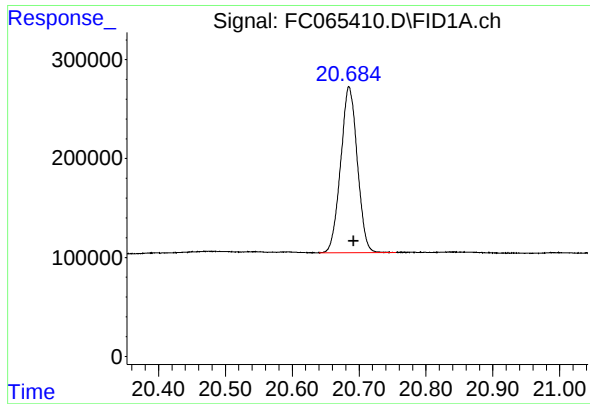
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.004 min
Response: 3196805
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

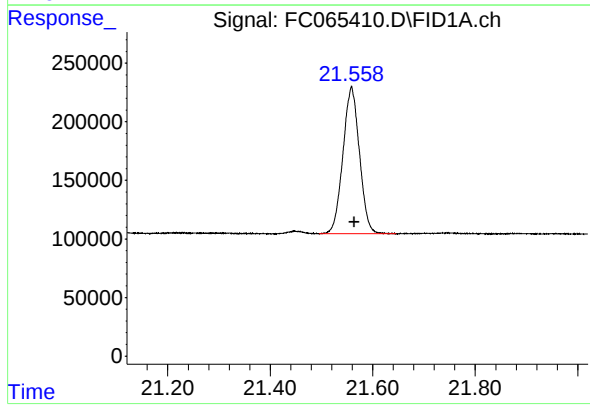
R.T.: 19.968 min
Delta R.T.: -0.005 min
Response: 3045265
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.007 min
Response: 2900674
Conc: 19.08 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.005 min
Response: 2804500
Conc: 18.71 ug/ml