

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111723AL\
 Data File : FC065182.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2023 07:33
 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: Nov 17 21:32:34 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)	11.508	4490161	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	12.939	3249786	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T n-Nonane (C9)	3.309	3793185	20.063 ug/ml
2) T n-Decane (C10)	4.369	3907249	20.549 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3909765	20.250 ug/ml
4) T n-Dodecane (C12)	6.378	3912701	20.255 ug/ml
5) T A~2-methylnaphthalene...	7.002	3847274	20.936 ug/ml
6) T n-Tetradecane (C14)	8.165	3818292	20.236 ug/ml
7) T n-Hexadecane (C16)	9.759	3855030	20.394 ug/ml
8) T n-Octadecane (C18)	11.194	3851128	20.406 ug/ml
10) T n-Eicosane (C20)	12.496	3671285	20.421 ug/ml
11) T n-Heneicosane (C21)	13.105	3588008	20.436 ug/ml
13) T n-Docosane (C22)	13.689	3528428	20.541 ug/ml
14) T n-Tetracosane (C24)	14.787	3440601	20.657 ug/ml
15) T n-Hexacosane (C26)	15.802	3325431	20.718 ug/ml
16) T n-Octacosane (C28)	16.747	3302557	21.102 ug/ml
17) T n-Tricontane (C30)	17.631	3475398	21.942 ug/ml
18) T n-Dotriacontane (C32)	18.460	3494243	22.130 ug/ml
19) T n-Tetratriacontane (C34)	19.240	3319474	21.747 ug/ml
20) T n-Hexatriacontane (C36)	19.975	3161189	20.952 ug/ml
21) T n-Octatriacontane (C38)	20.696	3058448	20.552 ug/ml
22) T n-Tetracontane (C40)	21.570	2982346	20.277 ug/ml

(f)=RT Delta > 1/2 Window

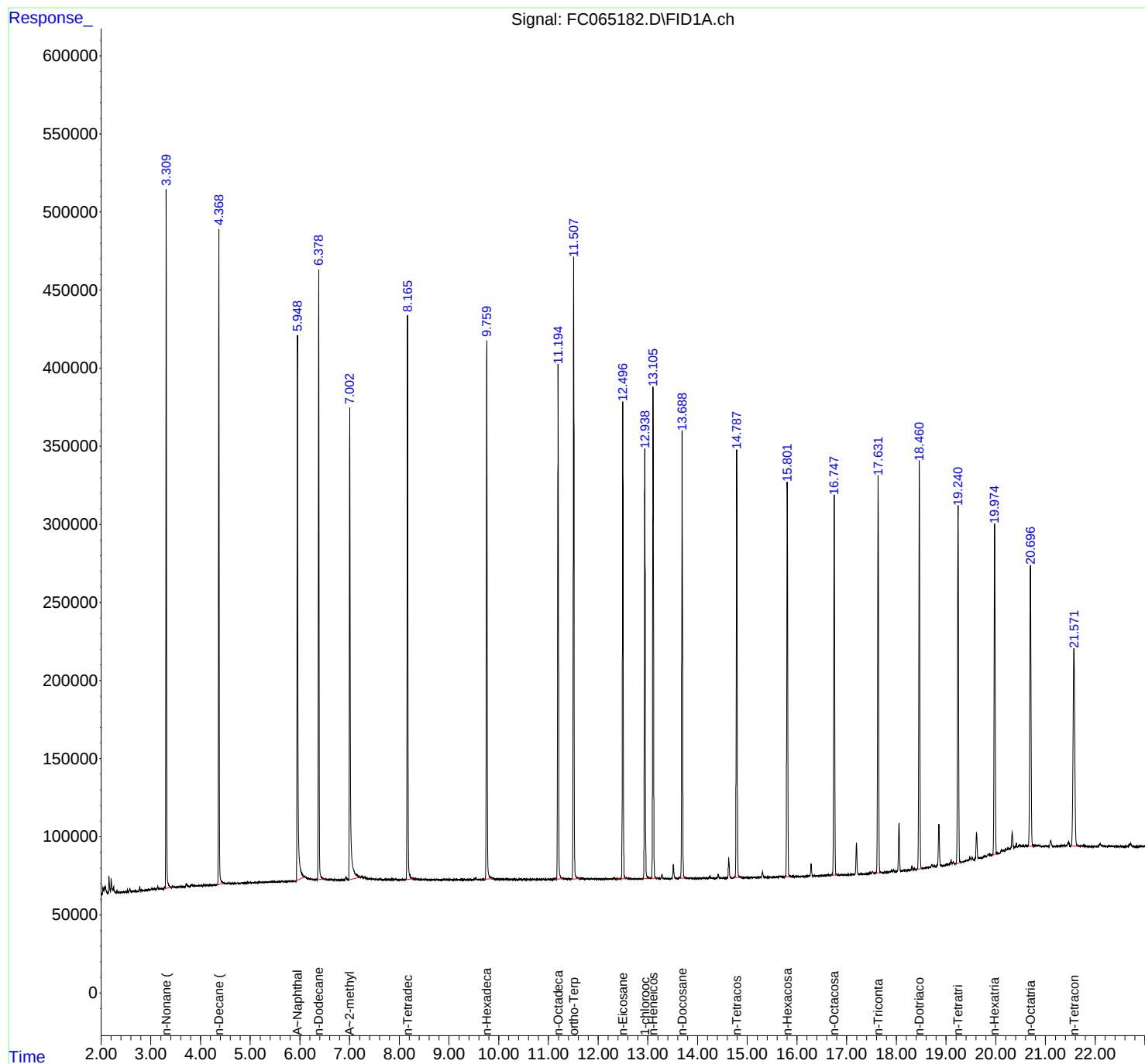
(m)=manual int.

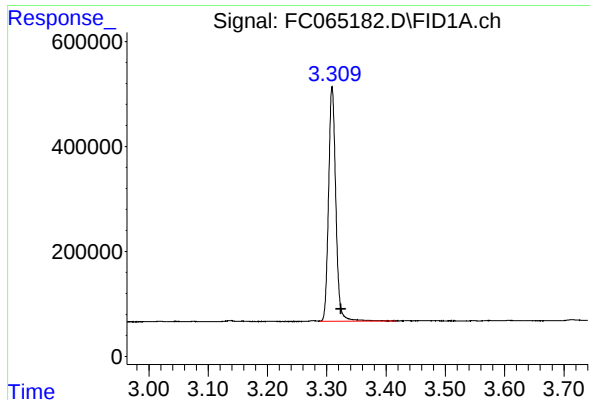
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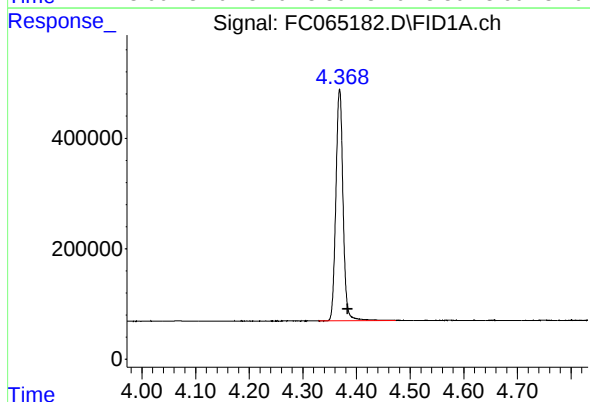




#1 n-Nonane (C9)

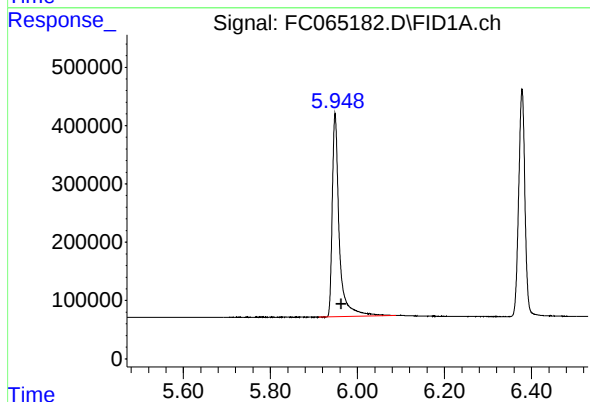
R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3793185
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



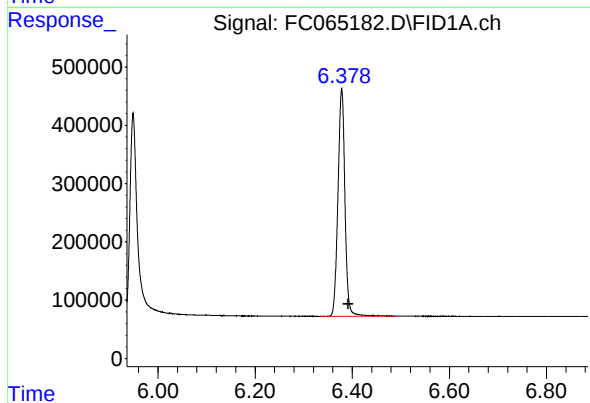
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.015 min
Response: 3907249
Conc: 20.55 ug/ml



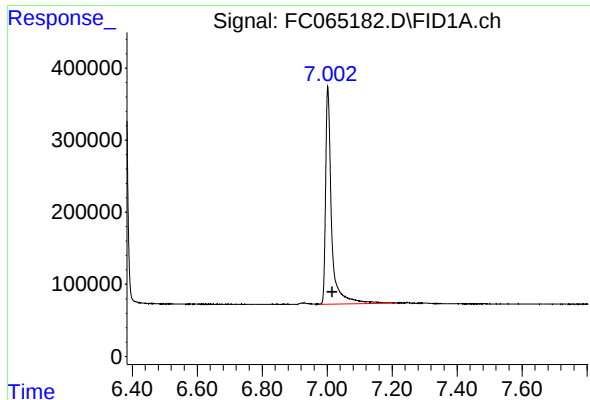
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 3909765
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

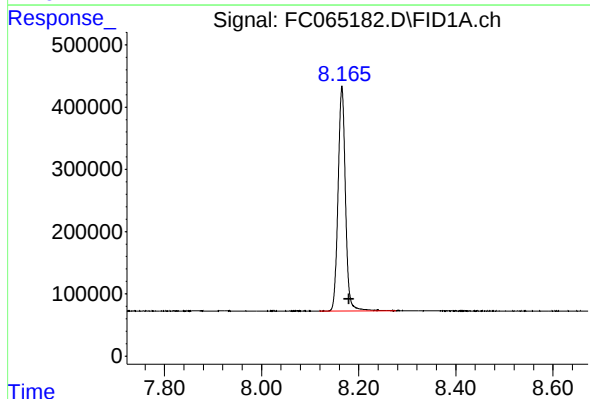
R.T.: 6.378 min
Delta R.T.: -0.013 min
Response: 3912701
Conc: 20.25 ug/ml



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

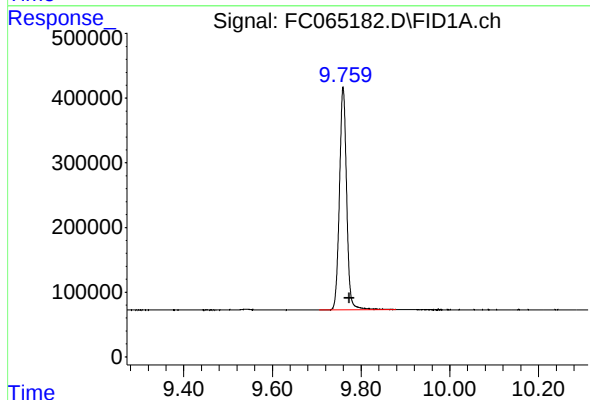
R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 3847274
Conc: 20.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



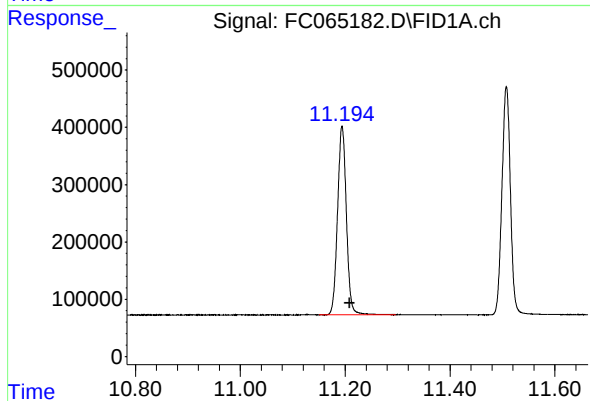
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.014 min
Response: 3818292
Conc: 20.24 ug/ml



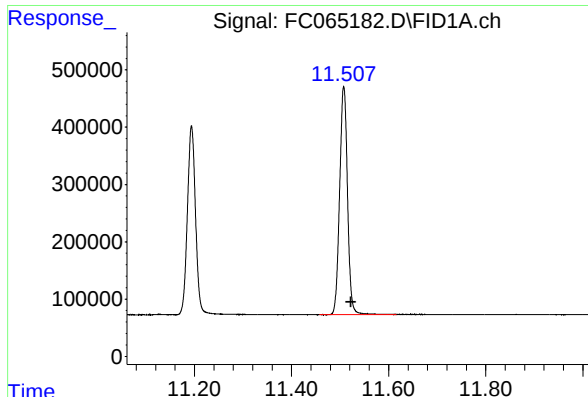
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.014 min
Response: 3855030
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

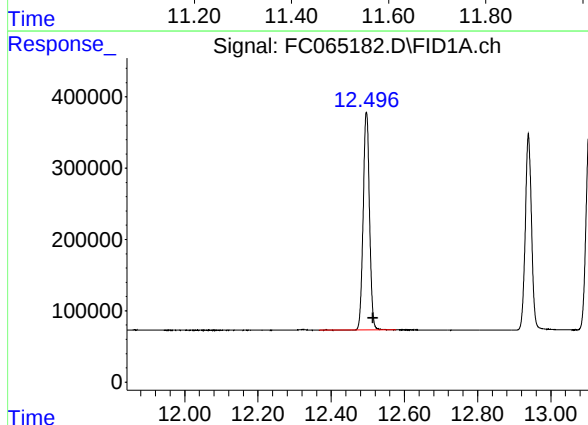
R.T.: 11.194 min
Delta R.T.: -0.014 min
Response: 3851128
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

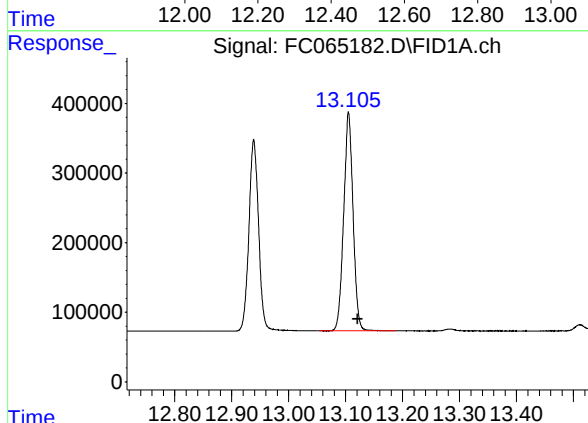
R.T.: 11.508 min
Delta R.T.: -0.015 min
Response: 4490161
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



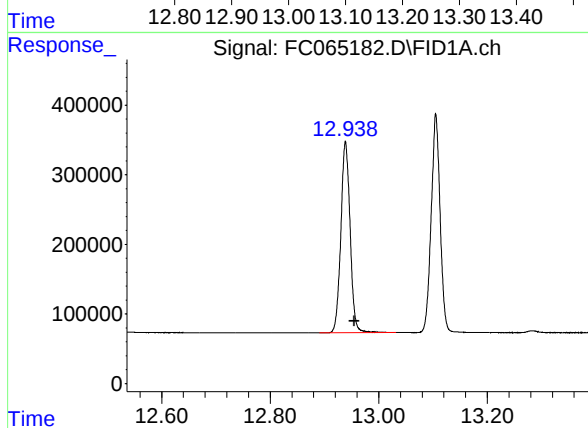
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.017 min
Response: 3671285
Conc: 20.42 ug/ml



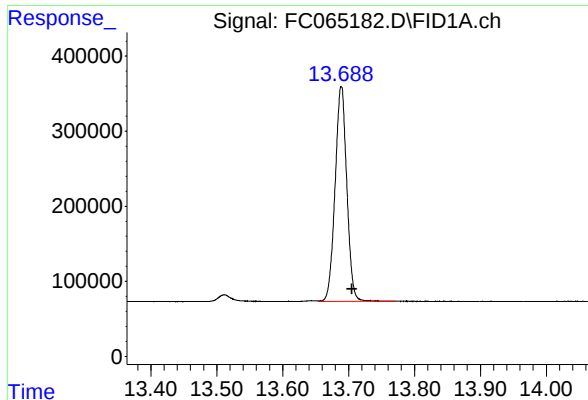
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.016 min
Response: 3588008
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

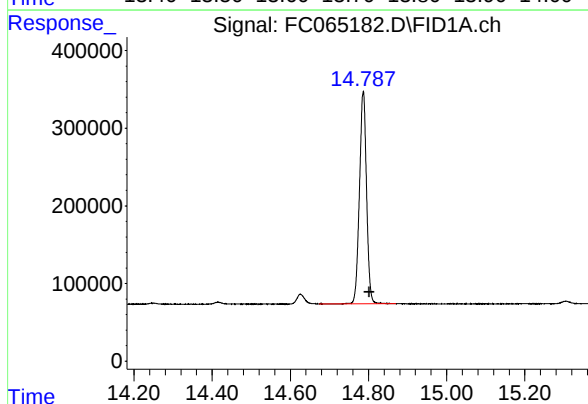
R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 3249786
Conc: 20.56 ug/ml



#13 n-Docosane (C22)

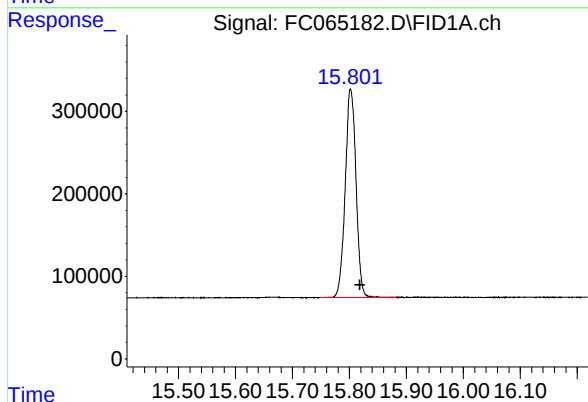
R.T.: 13.689 min
Delta R.T.: -0.016 min
Response: 3528428
Conc: 20.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



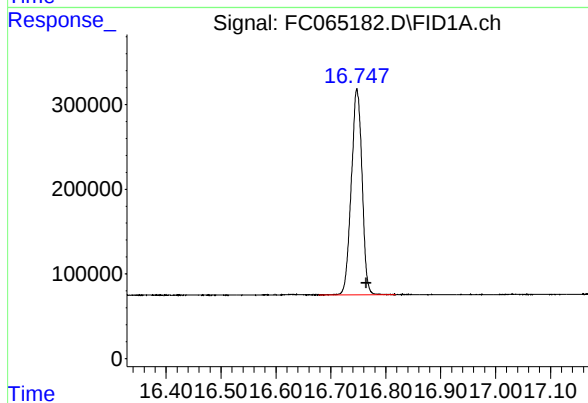
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.016 min
Response: 3440601
Conc: 20.66 ug/ml



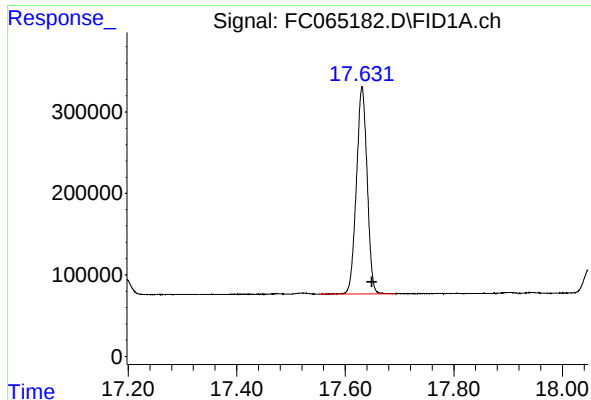
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.016 min
Response: 3325431
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

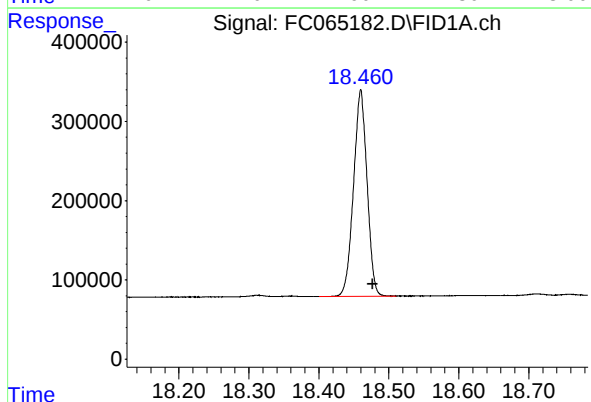
R.T.: 16.747 min
Delta R.T.: -0.017 min
Response: 3302557
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

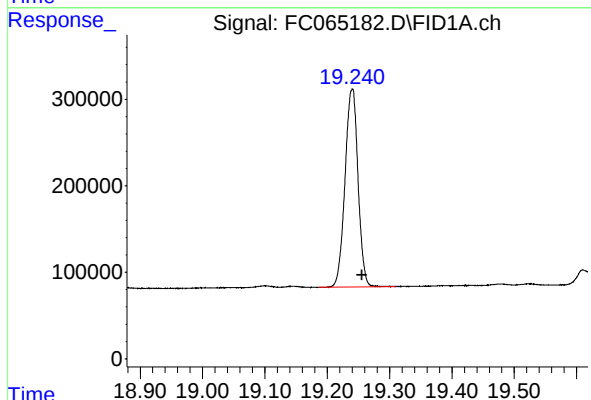
R.T.: 17.631 min
Delta R.T.: -0.018 min
Response: 3475398
Conc: 21.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



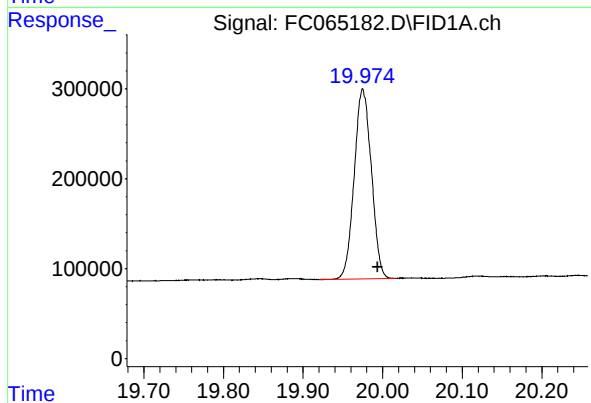
#18 n-Dotriacontane (C32)

R.T.: 18.460 min
Delta R.T.: -0.017 min
Response: 3494243
Conc: 22.13 ug/ml



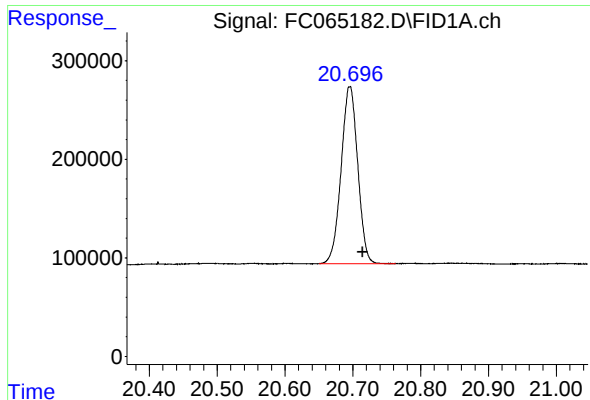
#19 n-Tetatriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.016 min
Response: 3319474
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

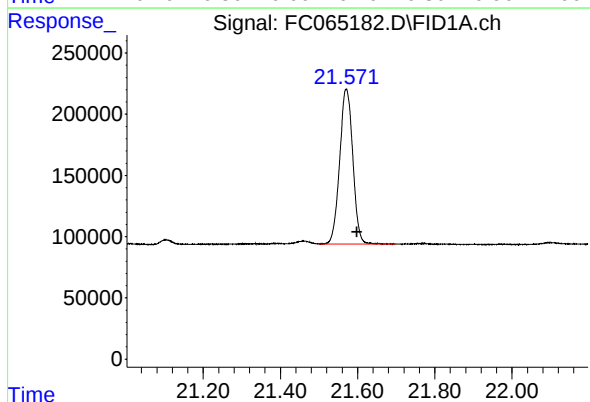
R.T.: 19.975 min
Delta R.T.: -0.019 min
Response: 3161189
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: -0.019 min
Response: 3058448
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.570 min
Delta R.T.: -0.027 min
Response: 2982346
Conc: 20.28 ug/ml