

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110223AL\
 Data File : FC064982.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 12:55
 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 02 23:08:50 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)	11.509	4359289	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	12.940	3107050	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.307	3773298	19.958 ug/ml
2) T n-Decane (C10)	4.368	3790808	19.937 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3871159	20.050 ug/ml
4) T n-Dodecane (C12)	6.379	3836824	19.862 ug/ml
5) T A~2-methylnaphthalene...	7.002	3719558	20.241 ug/ml
6) T n-Tetradecane (C14)	8.166	3740615	19.824 ug/ml
7) T n-Hexadecane (C16)	9.760	3752815	19.854 ug/ml
8) T n-Octadecane (C18)	11.197	3751329	19.877 ug/ml
10) T n-Eicosane (C20)	12.499	3572769	19.873 ug/ml
11) T n-Heneicosane (C21)	13.108	3479633	19.819 ug/ml
13) T n-Docosane (C22)	13.691	3388007	19.724 ug/ml
14) T n-Tetracosane (C24)	14.789	3259461	19.570 ug/ml
15) T n-Hexacosane (C26)	15.804	3125556	19.473 ug/ml
16) T n-Octacosane (C28)	16.750	3028552	19.352 ug/ml
17) T n-Tricontane (C30)	17.633	3048729	19.248 ug/ml
18) T n-Dotriacontane (C32)	18.462	3023691	19.150 ug/ml
19) T n-Tetratriacontane (C34)	19.241	2951963	19.339 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2911421	19.296 ug/mlm
21) T n-Octatriacontane (C38)	20.697	2858284	19.207 ug/ml
22) T n-Tetracontane (C40)	21.576	2802627	19.055 ug/mlm

(f)=RT Delta > 1/2 Window

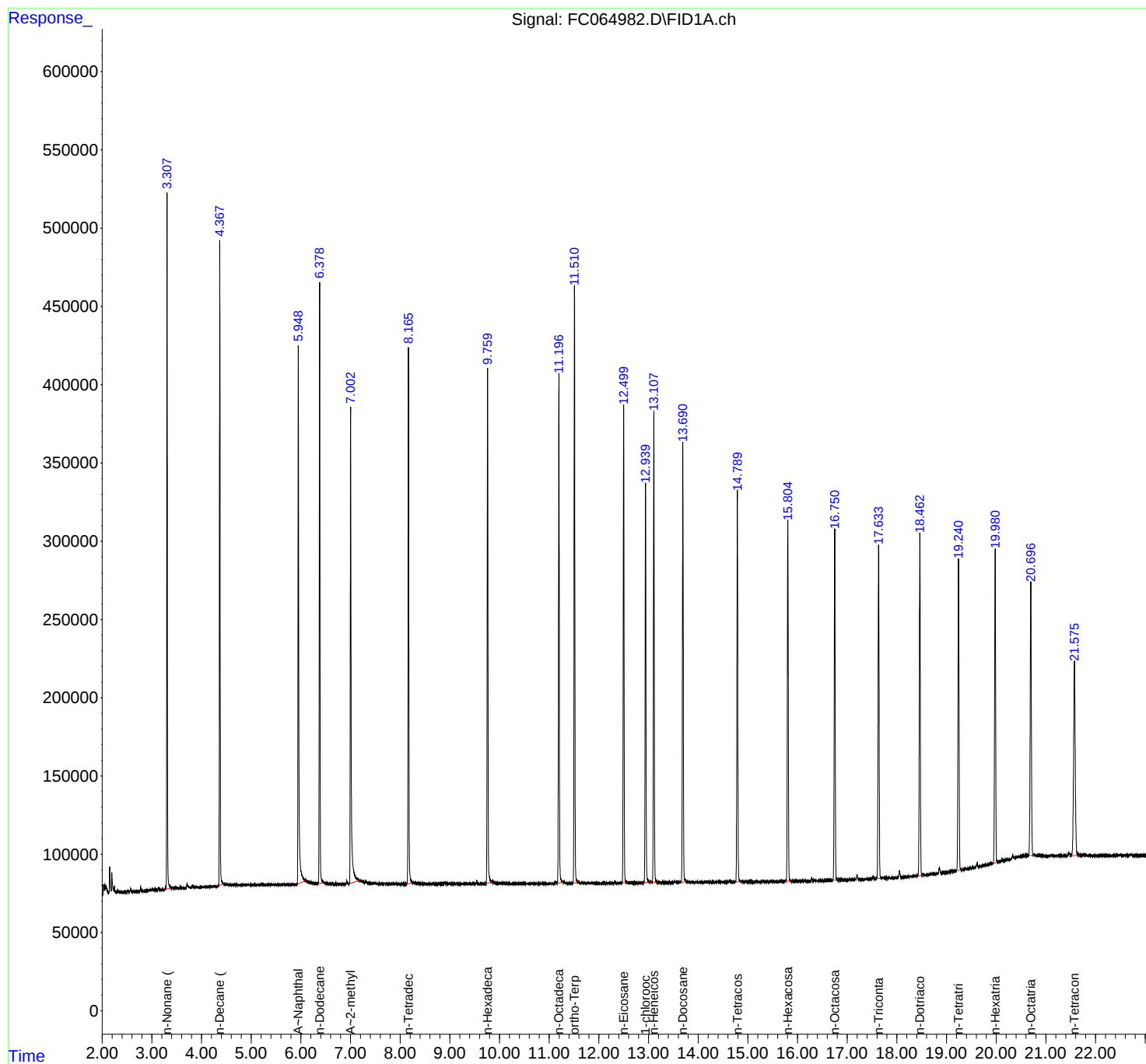
(m)=manual int.

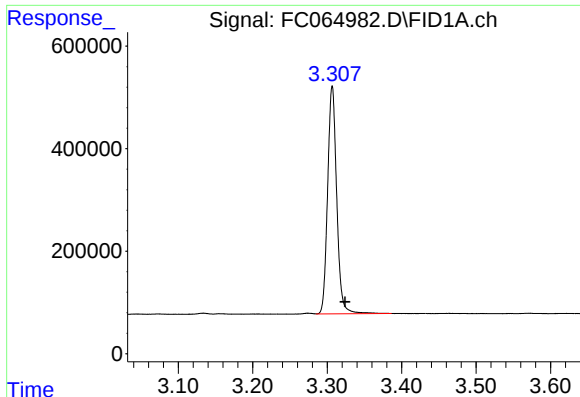
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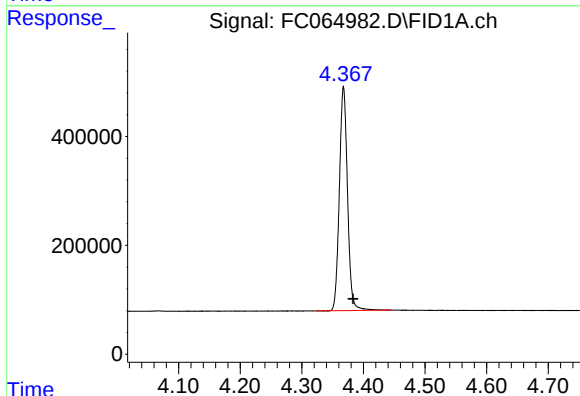




#1 n-Nonane (C9)

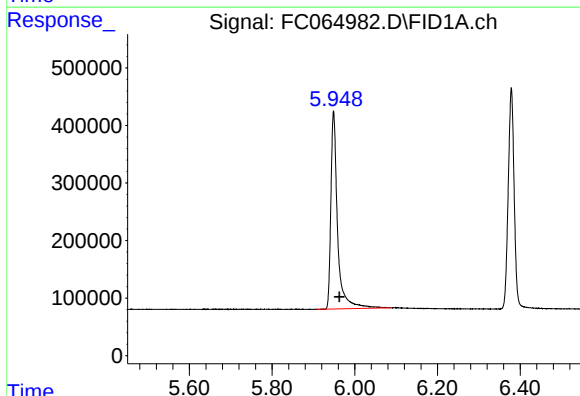
R.T.: 3.307 min
Delta R.T.: -0.017 min
Response: 3773298
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



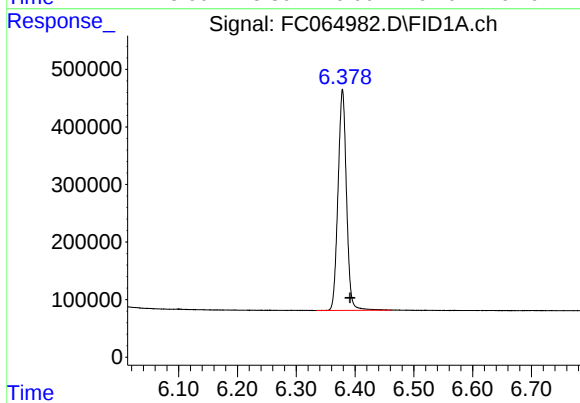
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.016 min
Response: 3790808
Conc: 19.94 ug/ml



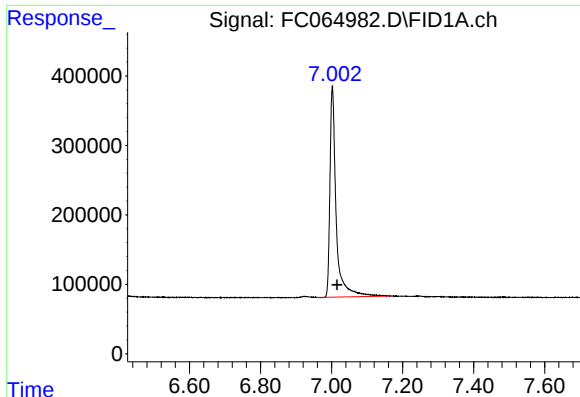
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 3871159
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

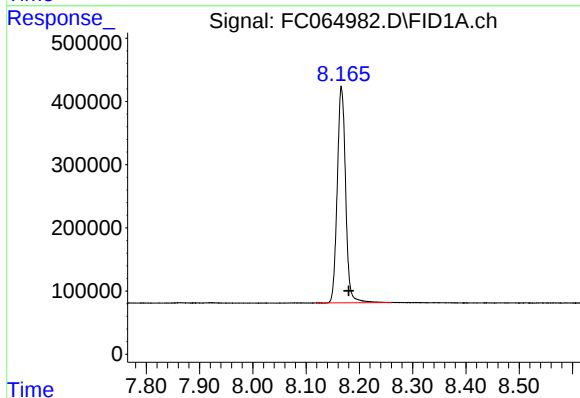
R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 3836824
Conc: 19.86 ug/ml



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

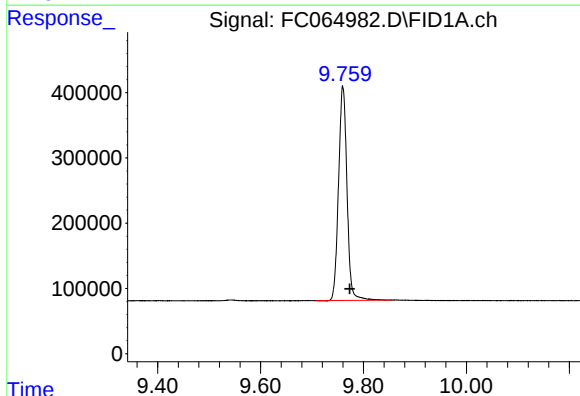
R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 3719558
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



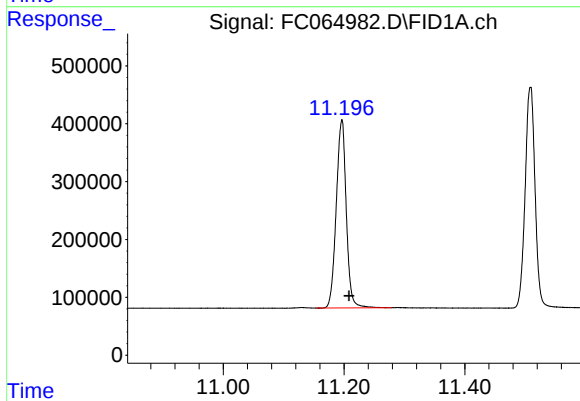
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.013 min
Response: 3740615
Conc: 19.82 ug/ml



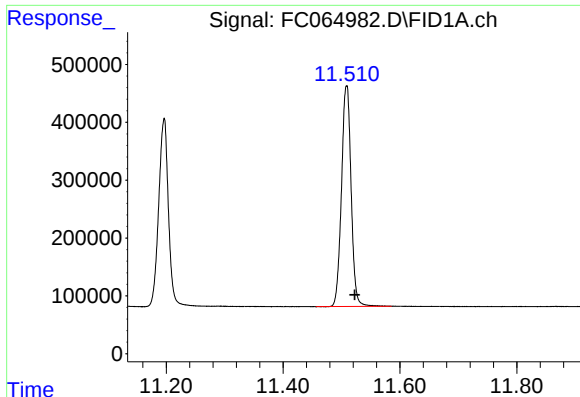
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 3752815
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

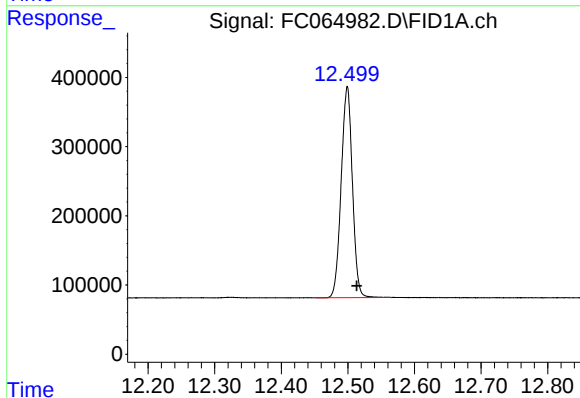
R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 3751329
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

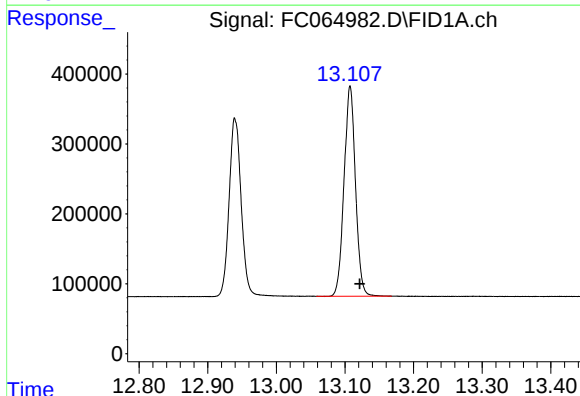
R.T.: 11.509 min
Delta R.T.: -0.014 min
Response: 4359289
Conc: 19.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



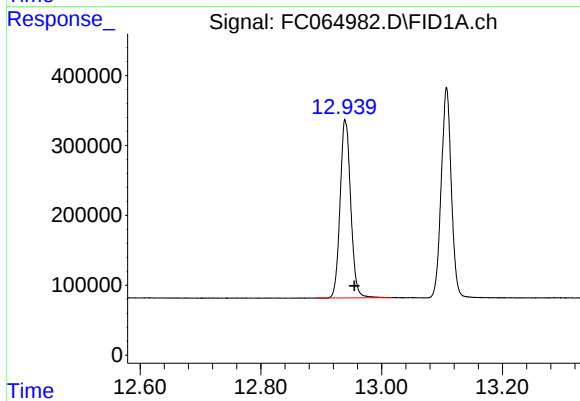
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 3572769
Conc: 19.87 ug/ml



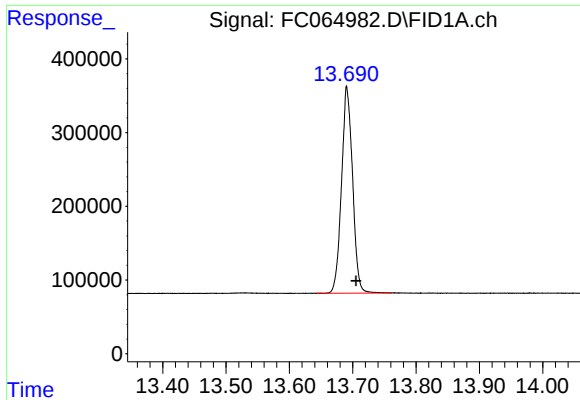
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.014 min
Response: 3479633
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

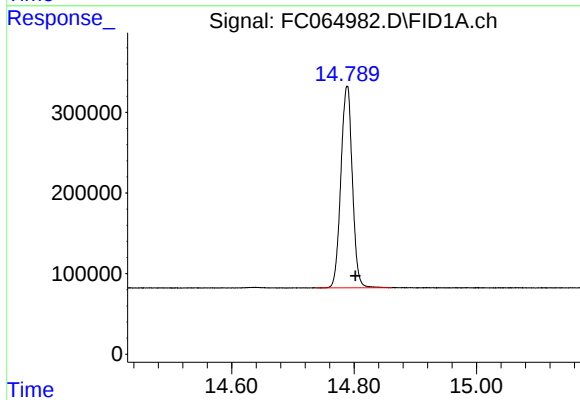
R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 3107050
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

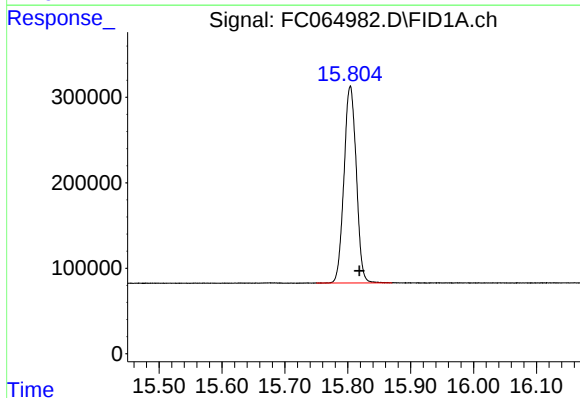
R.T.: 13.691 min
Delta R.T.: -0.015 min
Response: 3388007
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



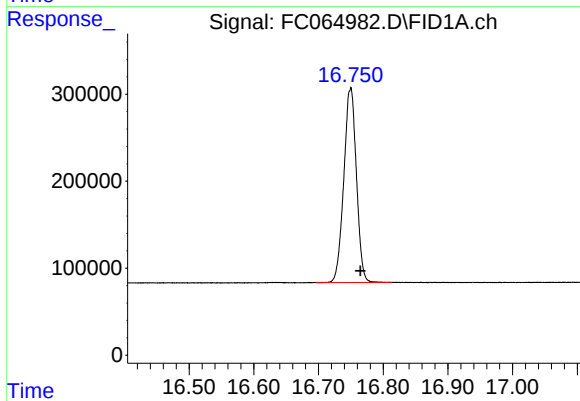
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 3259461
Conc: 19.57 ug/ml



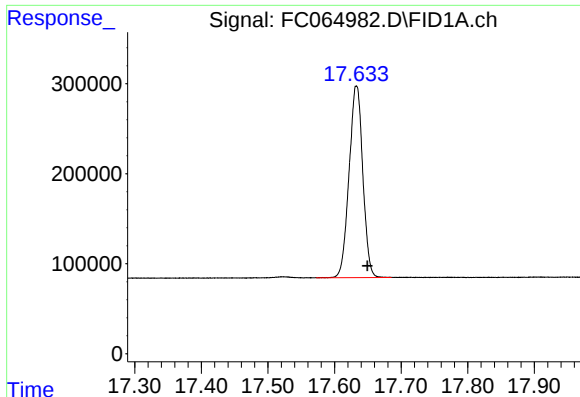
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.015 min
Response: 3125556
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

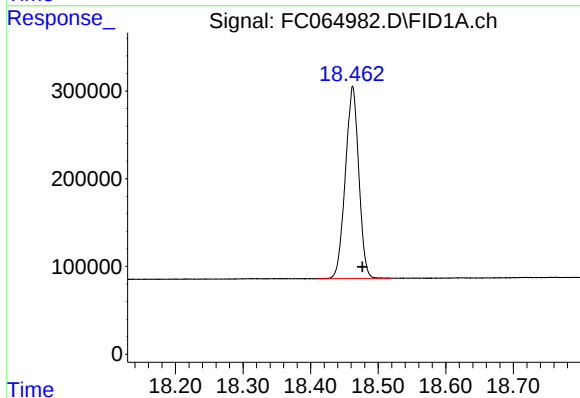
R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 3028552
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

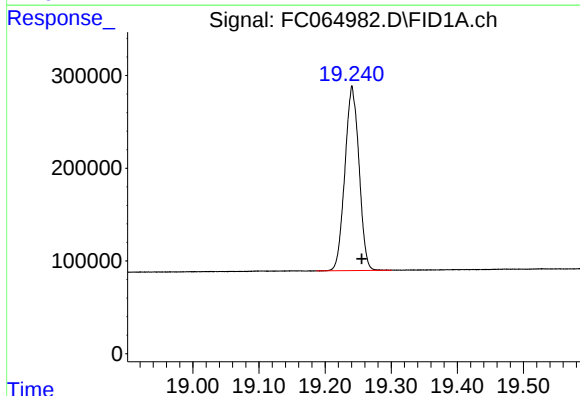
R.T.: 17.633 min
Delta R.T.: -0.016 min
Response: 3048729
Conc: 19.25 ug/ml

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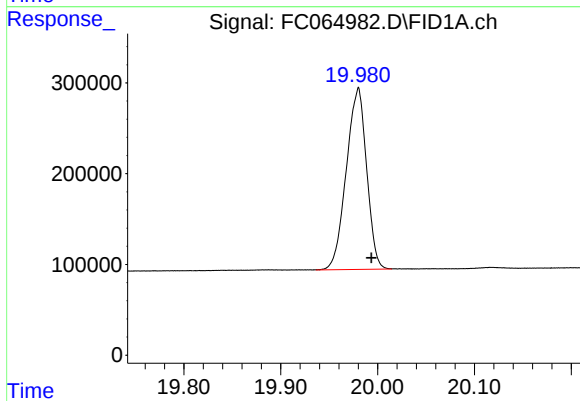
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.014 min
Response: 3023691
Conc: 19.15 ug/ml



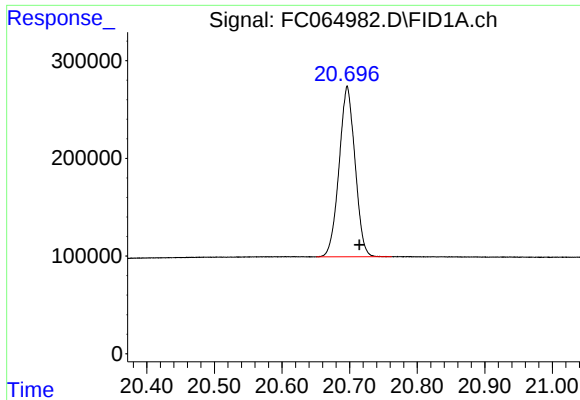
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.015 min
Response: 2951963
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

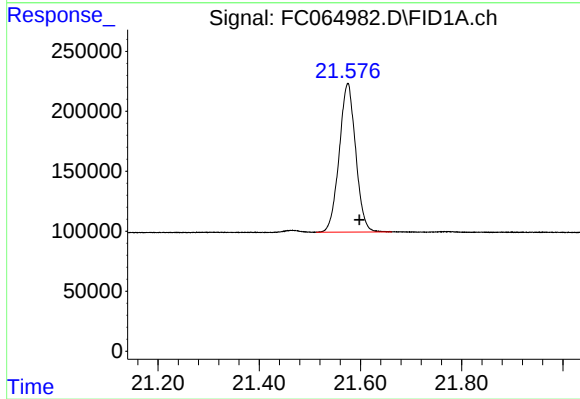
R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 2911421
Conc: 19.30 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.018 min
Response: 2858284
Conc: 19.21 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.022 min
Response: 2802627
Conc: 19.06 ug/ml m