

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082423AL\
 Data File : FC064410.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2023 14:55
 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: Aug 25 00:41:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.502	4277601	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	12.936	3148146	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.298	3577986	20.272 ug/ml
2) T n-Decane (C10)	4.356	3607801	20.566 ug/ml
3) T A~Naphthalene (C11.7)	5.934	3808675	20.482 ug/ml
4) T n-Dodecane (C12)	6.366	3656121	20.512 ug/ml
5) T A~2-methylnaphthalene...	6.988	3722144	20.924 ug/ml
6) T n-Tetradecane (C14)	8.156	3572196	20.476 ug/ml
7) T n-Hexadecane (C16)	9.754	3595830	20.807 ug/ml
8) T n-Octadecane (C18)	11.189	3603035	20.580 ug/ml
10) T n-Eicosane (C20)	12.494	3469398	20.510 ug/ml
11) T n-Heneicosane (C21)	13.104	3412944	20.449 ug/ml
13) T n-Docosane (C22)	13.689	3372658	20.677 ug/ml
14) T n-Tetracosane (C24)	14.787	3282304	20.611 ug/ml
15) T n-Hexacosane (C26)	15.803	3161029	20.460 ug/ml
16) T n-Octacosane (C28)	16.749	3049401	20.597 ug/ml
17) T n-Tricontane (C30)	17.633	3024632	20.707 ug/ml
18) T n-Dotriacontane (C32)	18.464	2940828	20.819 ug/ml
19) T n-Tetratriacontane (C34)	19.245	2774931	20.768 ug/ml
20) T n-Hexatriacontane (C36)	19.982	2667915	20.849 ug/ml
21) T n-Octatriacontane (C38)	20.703	2639009	21.491 ug/ml
22) T n-Tetracontane (C40)	21.580	2619547	22.557 ug/ml

(f)=RT Delta > 1/2 Window

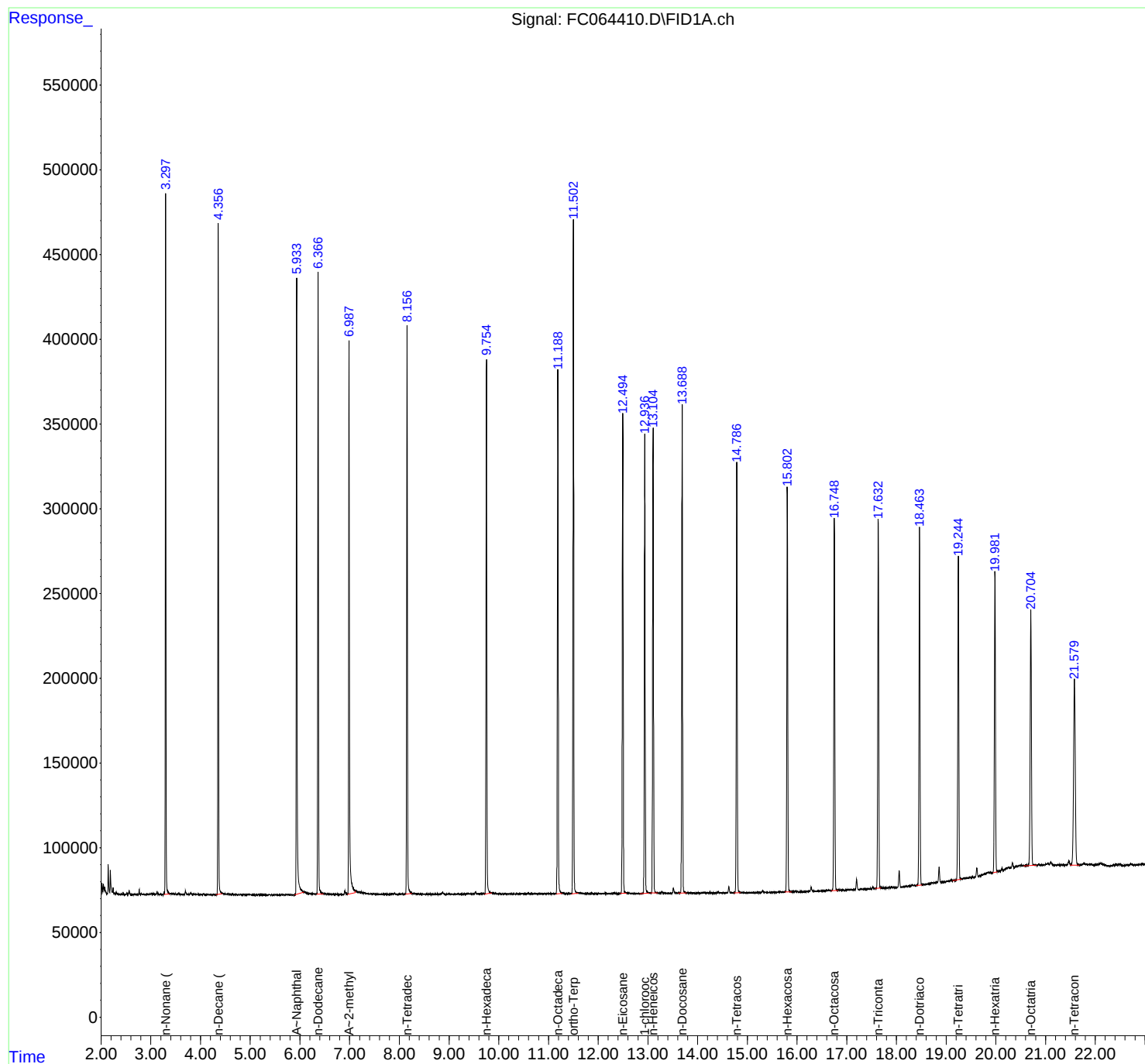
(m)=manual int.

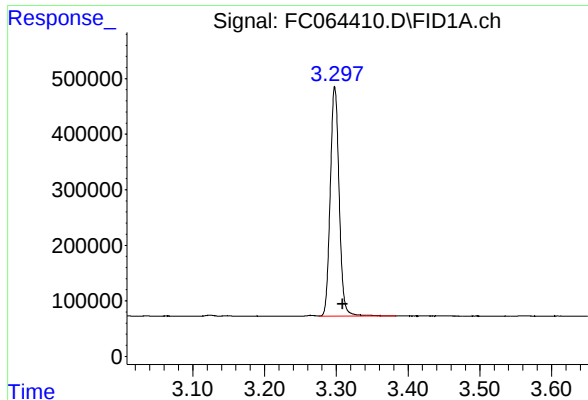
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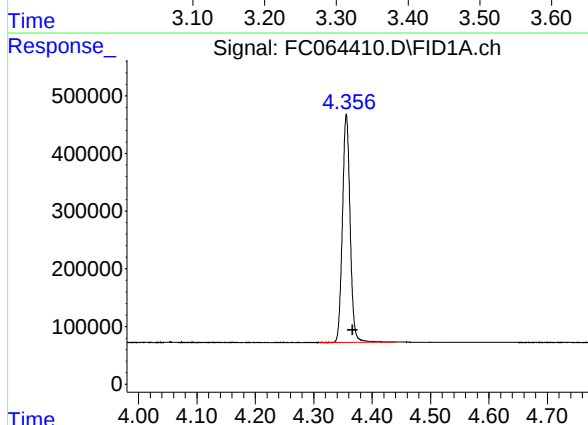




#1 n-Nonane (C9)

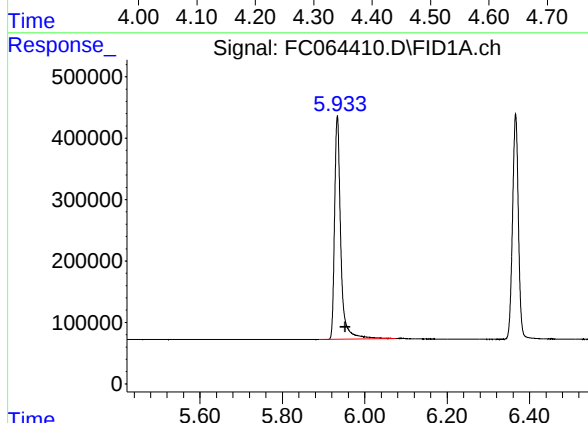
R.T.: 3.298 min
Delta R.T.: -0.011 min
Response: 3577986
Conc: 20.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



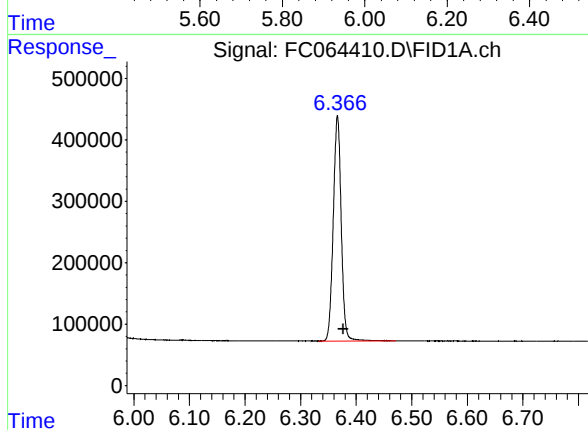
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.011 min
Response: 3607801
Conc: 20.57 ug/ml



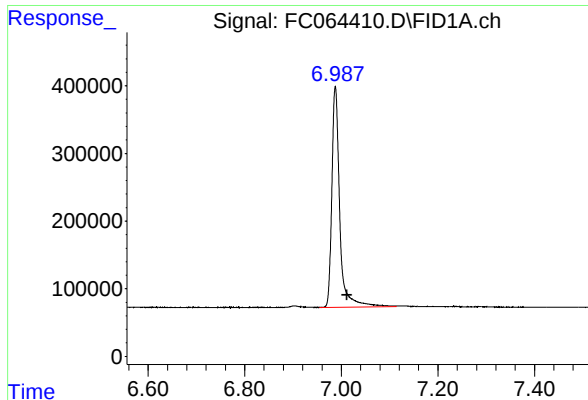
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.019 min
Response: 3808675
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

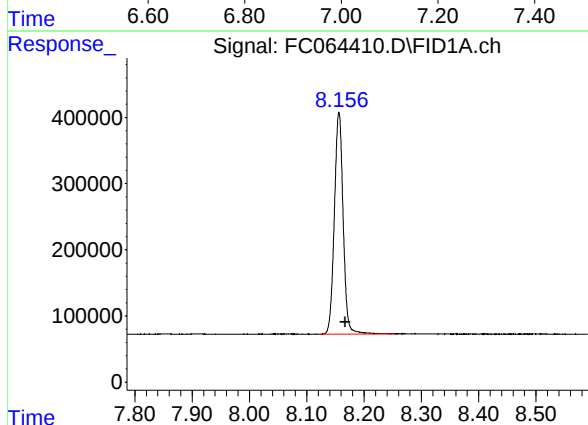
R.T.: 6.366 min
Delta R.T.: -0.011 min
Response: 3656121
Conc: 20.51 ug/ml



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

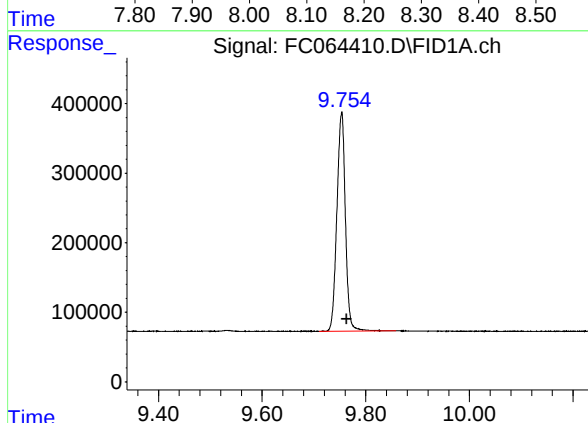
R.T.: 6.988 min
Delta R.T.: -0.024 min
Response: 3722144
Conc: 20.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



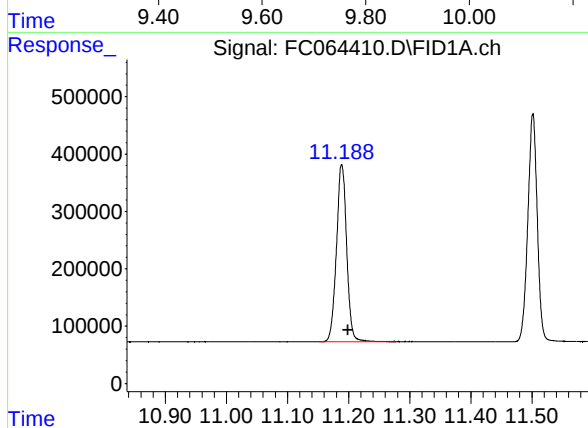
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: -0.011 min
Response: 3572196
Conc: 20.48 ug/ml



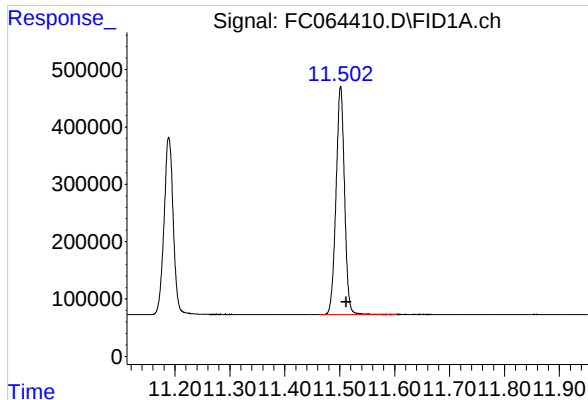
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.010 min
Response: 3595830
Conc: 20.81 ug/ml



#8 n-Octadecane (C18)

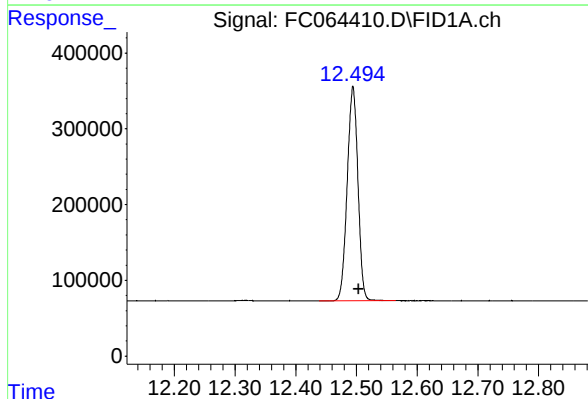
R.T.: 11.189 min
Delta R.T.: -0.010 min
Response: 3603035
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

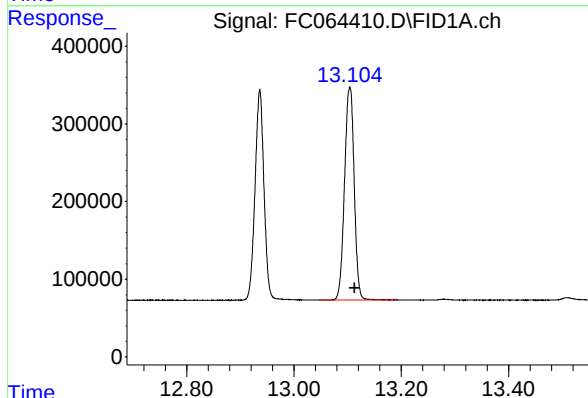
R.T.: 11.502 min
Delta R.T.: -0.010 min
Response: 4277601
Conc: 20.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



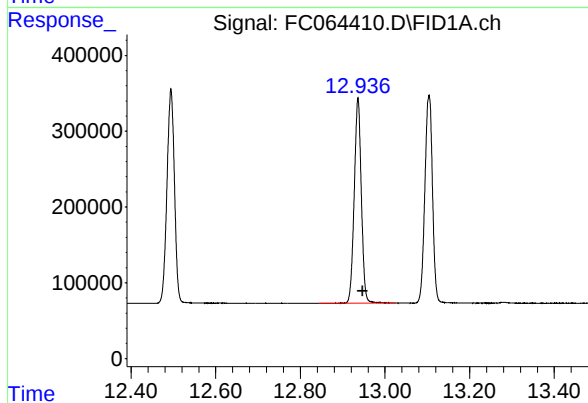
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.010 min
Response: 3469398
Conc: 20.51 ug/ml



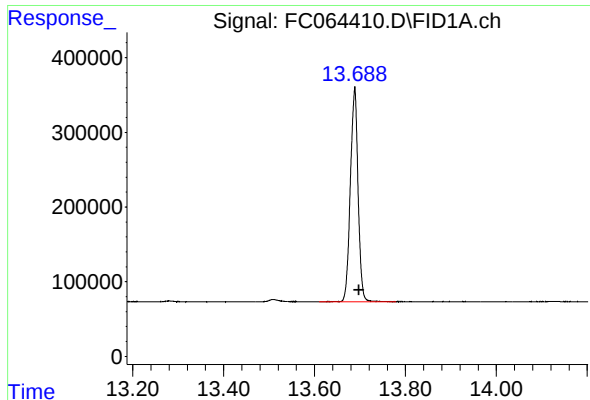
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.009 min
Response: 3412944
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

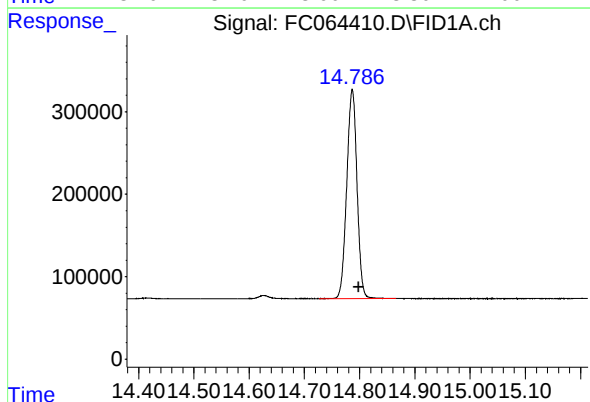
R.T.: 12.936 min
Delta R.T.: -0.011 min
Response: 3148146
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

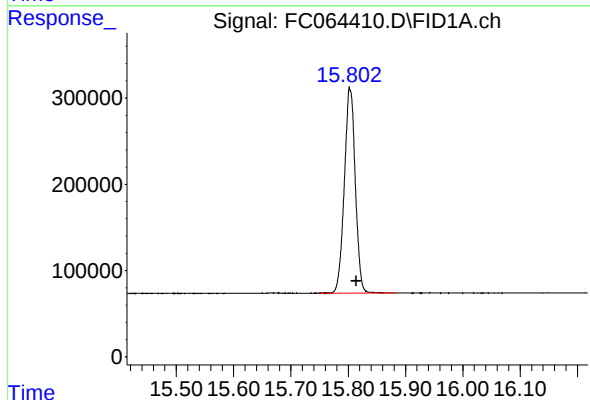
R.T.: 13.689 min
Delta R.T.: -0.010 min
Response: 3372658
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



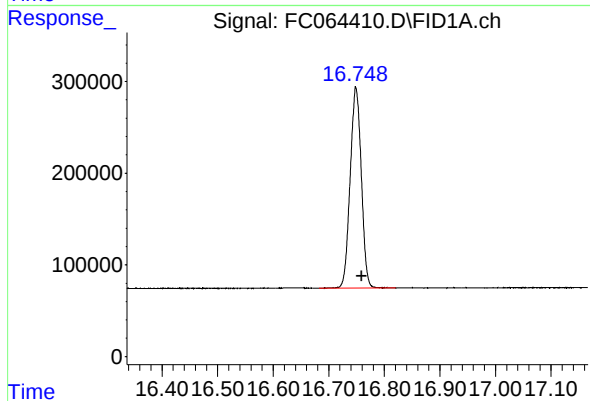
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.012 min
Response: 3282304
Conc: 20.61 ug/ml



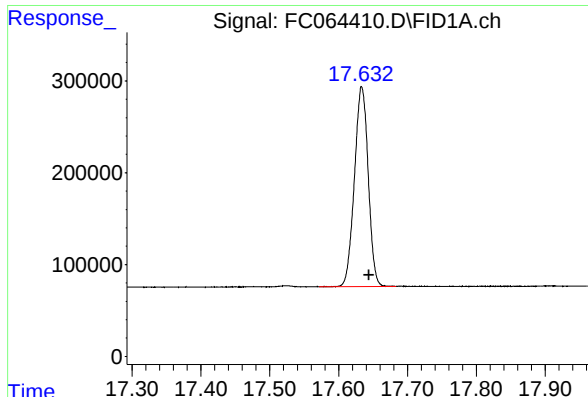
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.011 min
Response: 3161029
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

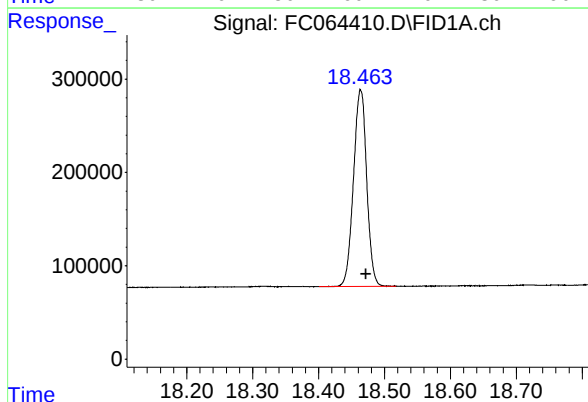
R.T.: 16.749 min
Delta R.T.: -0.010 min
Response: 3049401
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

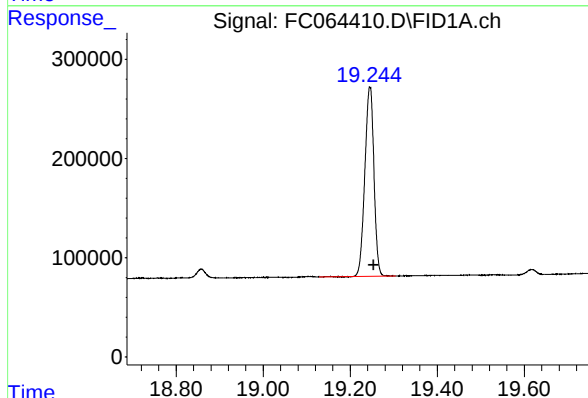
R.T.: 17.633 min
Delta R.T.: -0.011 min
Response: 3024632
Conc: 20.71 ug/ml

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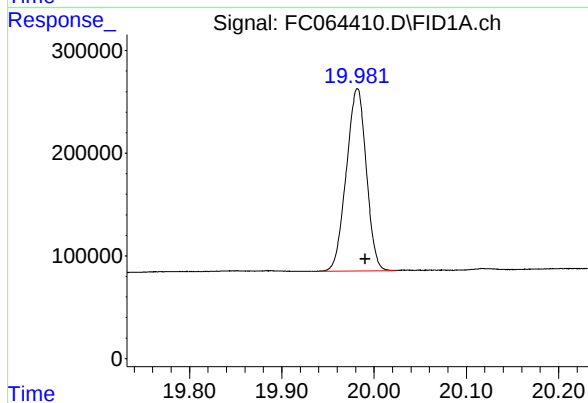
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.008 min
Response: 2940828
Conc: 20.82 ug/ml



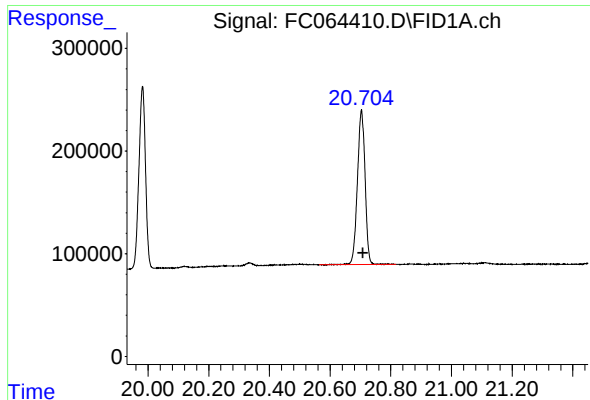
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.009 min
Response: 2774931
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

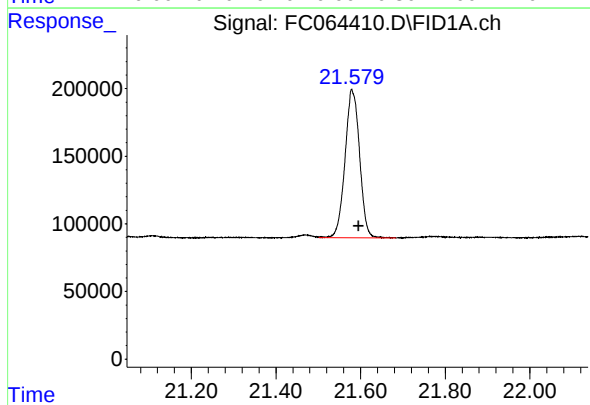
R.T.: 19.982 min
Delta R.T.: -0.008 min
Response: 2667915
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.005 min
Response: 2639009
Conc: 21.49 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.016 min
Response: 2619547
Conc: 22.56 ug/ml