

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022224AL\
 Data File : FC065830.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2024 22:19
 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: Feb 23 02:28:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.500	3170429	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	12.931	2369786	18.830 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T n-Nonane (C9)	3.289	2716779	18.083 ug/ml
2) T n-Decane (C10)	4.352	2834747	18.644 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3008133	19.507 ug/ml
4) T n-Dodecane (C12)	6.366	2835339	18.525 ug/ml
5) T A~2-methylnaphthalene...	6.995	2821278	19.813 ug/ml
6) T n-Tetradecane (C14)	8.155	2759353	18.586 ug/ml
7) T n-Hexadecane (C16)	9.750	2836929	18.917 ug/ml
8) T n-Octadecane (C18)	11.185	2875729	18.643 ug/ml
10) T n-Eicosane (C20)	12.488	2804160	18.647 ug/ml
11) T n-Heneicosane (C21)	13.097	2776944	18.568 ug/ml
13) T n-Docosane (C22)	13.681	2778650	18.733 ug/ml
14) T n-Tetracosane (C24)	14.777	2833561	19.058 ug/ml
15) T n-Hexacosane (C26)	15.794	2853930	19.259 ug/ml
16) T n-Octacosane (C28)	16.738	2953394	20.128 ug/ml
17) T n-Tricontane (C30)	17.622	3208709	21.375 ug/ml
18) T n-Dotriacontane (C32)	18.452	3269021	22.105 ug/ml
19) T n-Tetratriacontane (C34)	19.230	3109639	21.454 ug/ml
20) T n-Hexatriacontane (C36)	19.968	2945988	20.755 ug/ml
21) T n-Octatriacontane (C38)	20.686	2801867	19.794 ug/ml
22) T n-Tetracontane (C40)	21.559	2668158	19.128 ug/ml

(f)=RT Delta > 1/2 Window

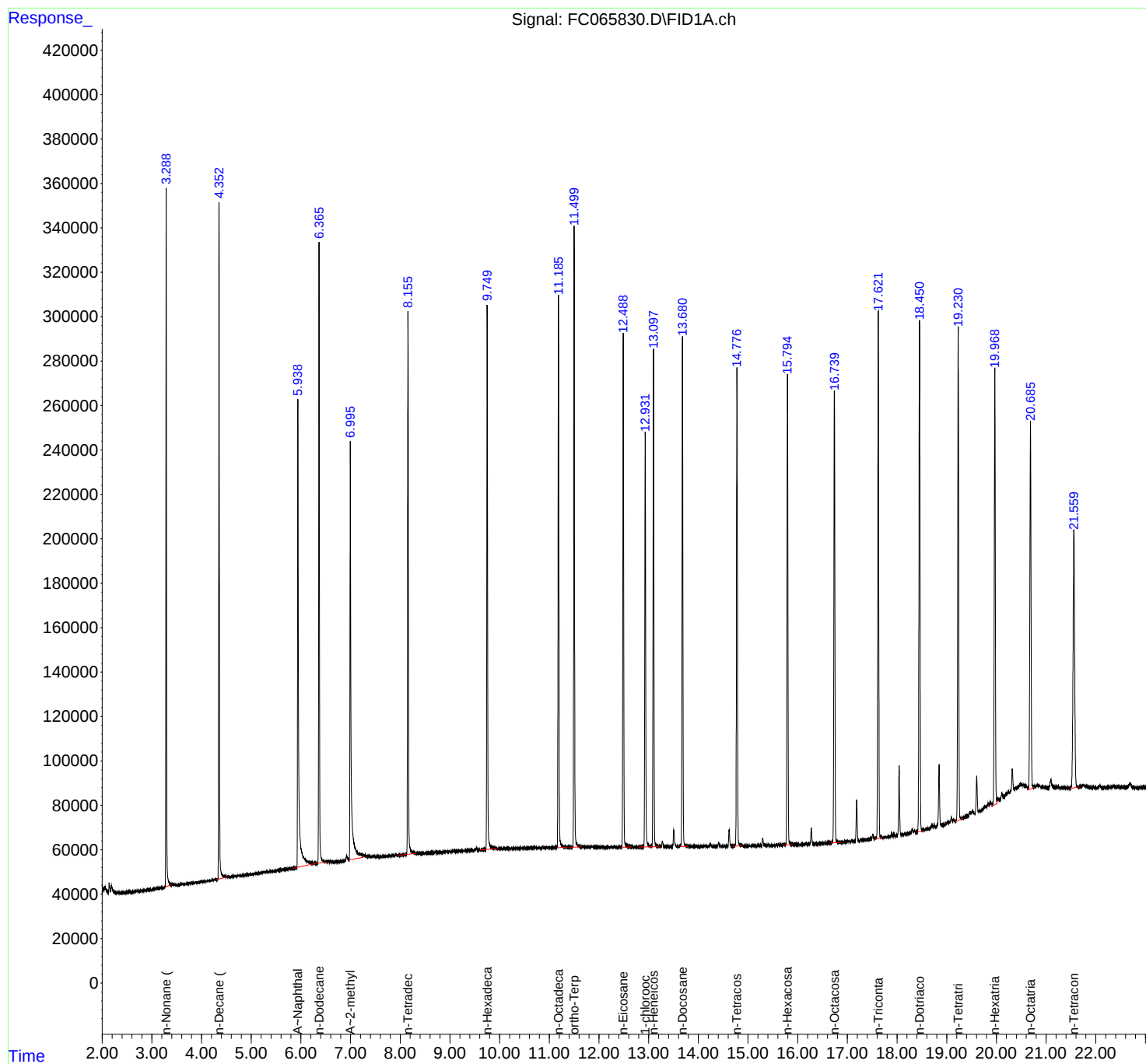
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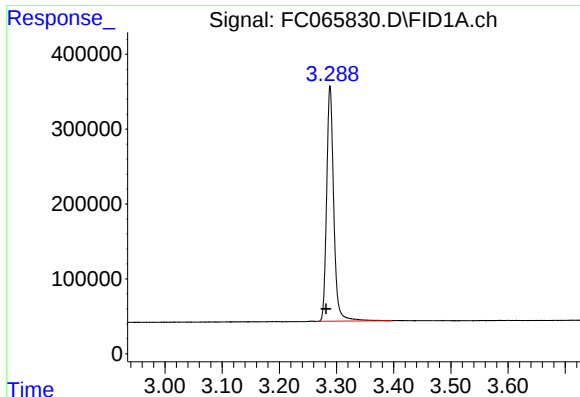
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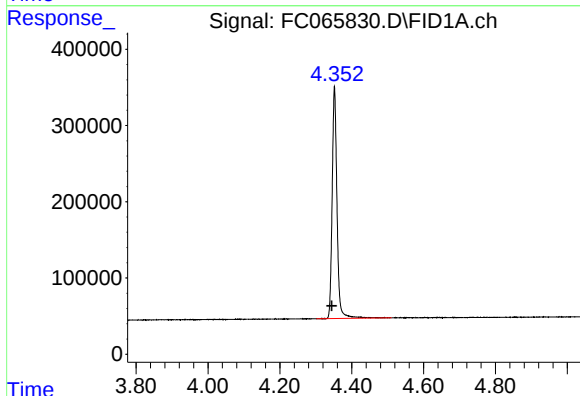




#1 n-Nonane (C9)

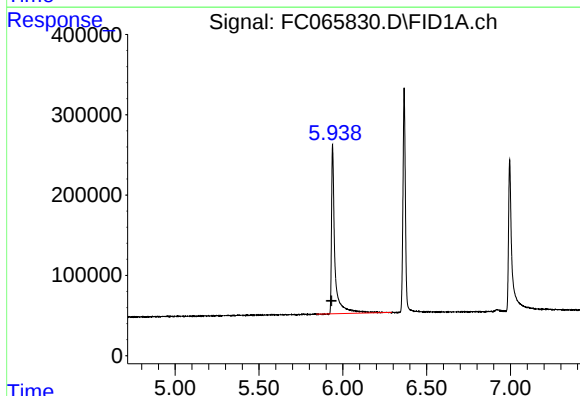
R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 2716779
Conc: 18.08 ug/ml

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20 PPM ALIPHATIC HC STD



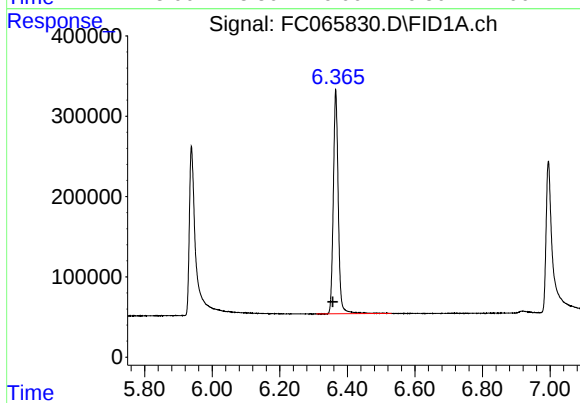
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 2834747
Conc: 18.64 ug/ml



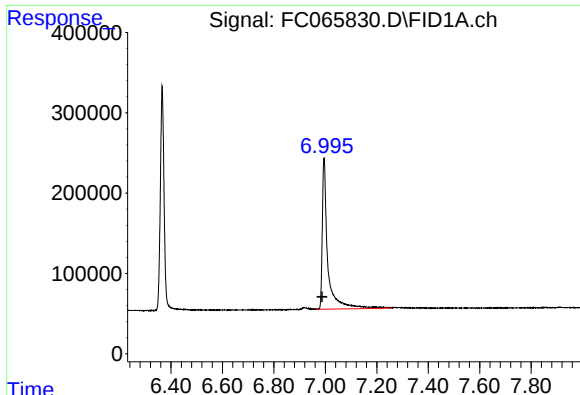
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 3008133
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

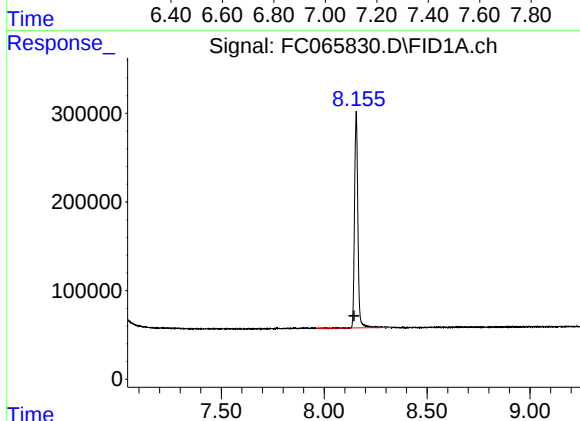
R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 2835339
Conc: 18.53 ug/ml



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

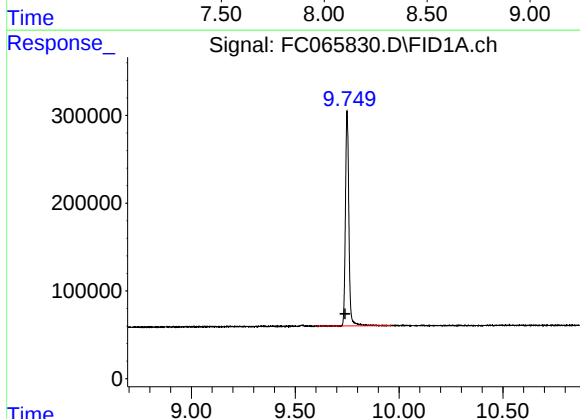
R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2821278
Conc: 19.81 ug/ml

Instrument :
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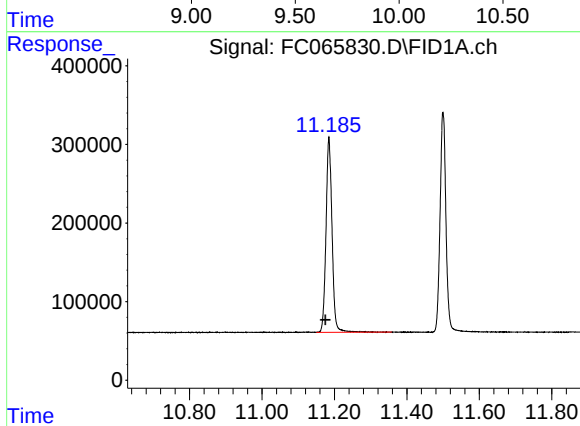
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 2759353
Conc: 18.59 ug/ml



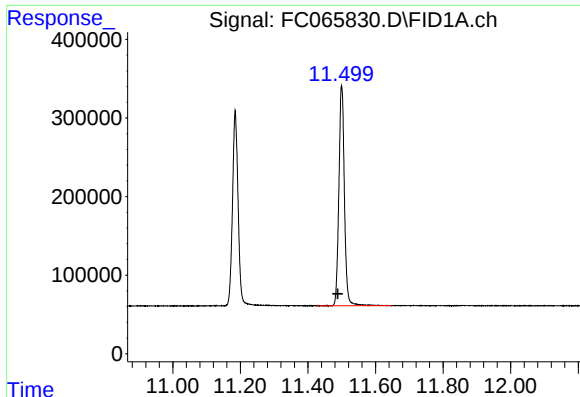
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.010 min
Response: 2836929
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

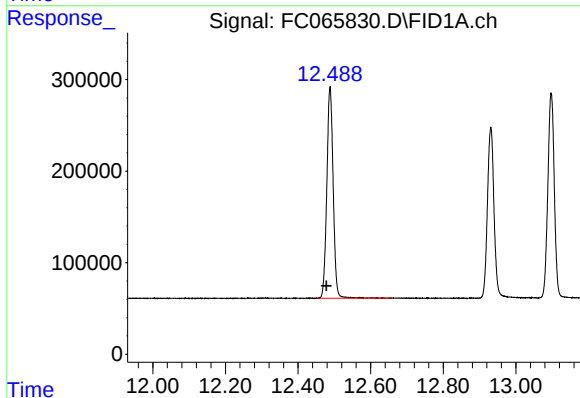
R.T.: 11.185 min
Delta R.T.: 0.010 min
Response: 2875729
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

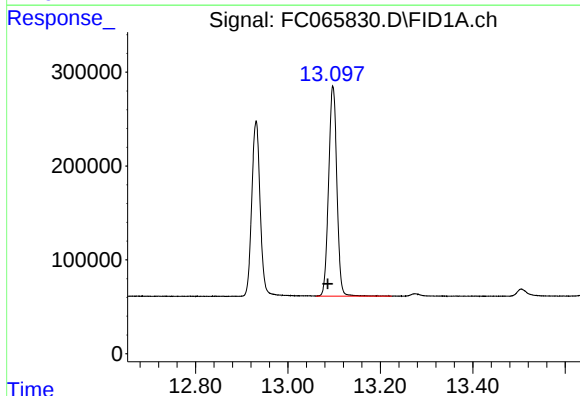
R.T.: 11.500 min
Delta R.T.: 0.011 min
Response: 3170429
Conc: 18.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



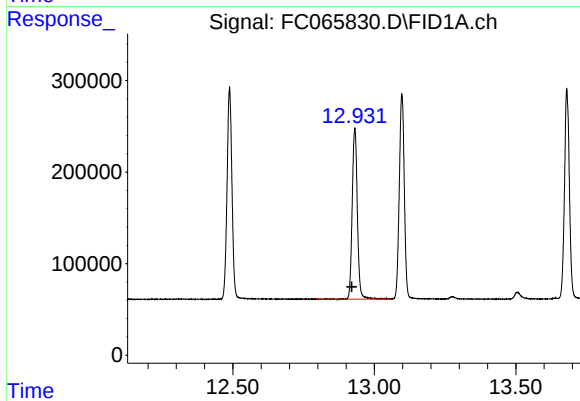
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.010 min
Response: 2804160
Conc: 18.65 ug/ml



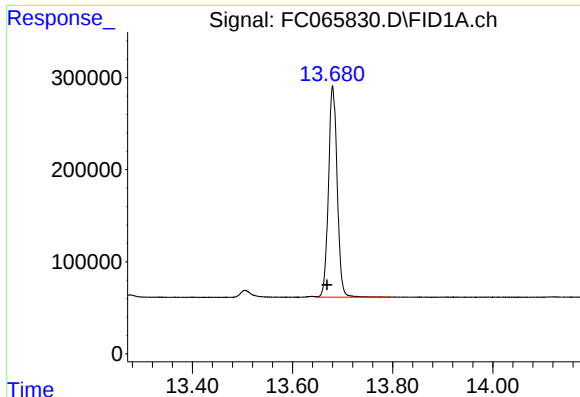
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 2776944
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

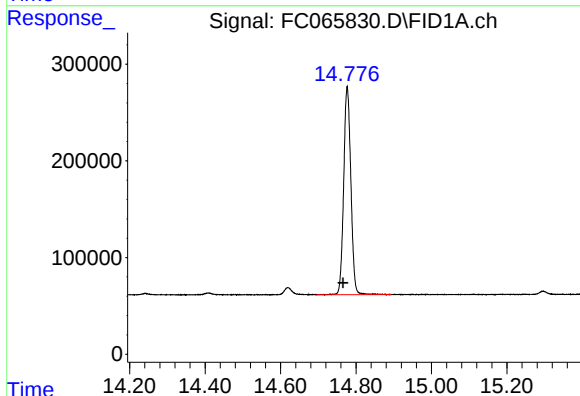
R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 2369786
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

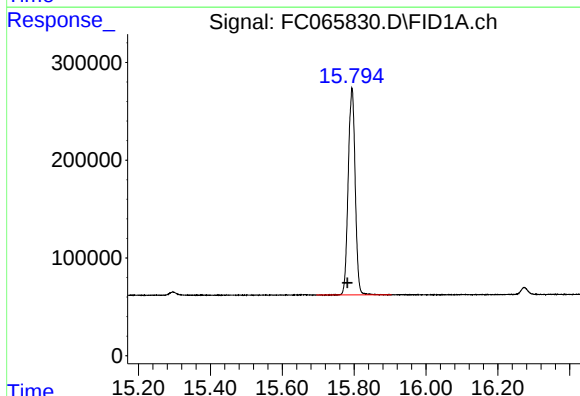
R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 2778650
Conc: 18.73 ug/ml

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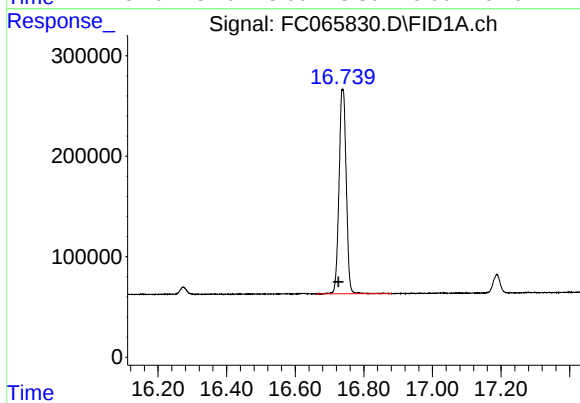
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 2833561
Conc: 19.06 ug/ml



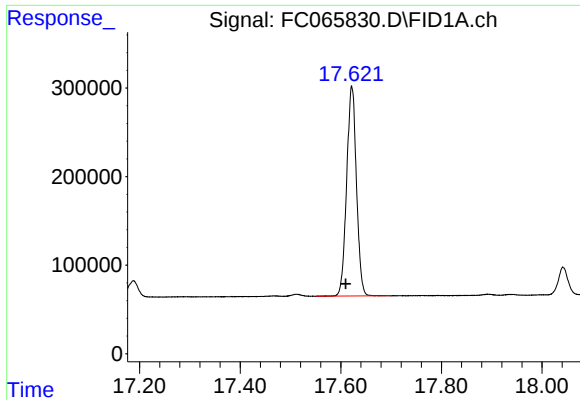
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.013 min
Response: 2853930
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

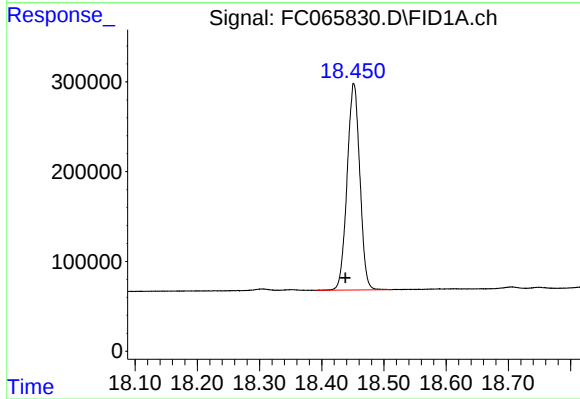
R.T.: 16.738 min
Delta R.T.: 0.012 min
Response: 2953394
Conc: 20.13 ug/ml



#17 n-Tricontane (C30)

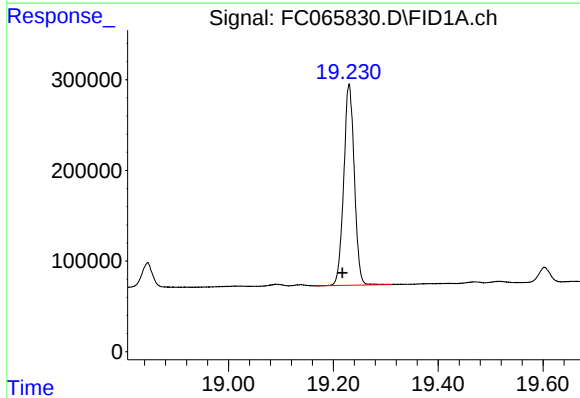
R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 3208709
Conc: 21.37 ug/ml

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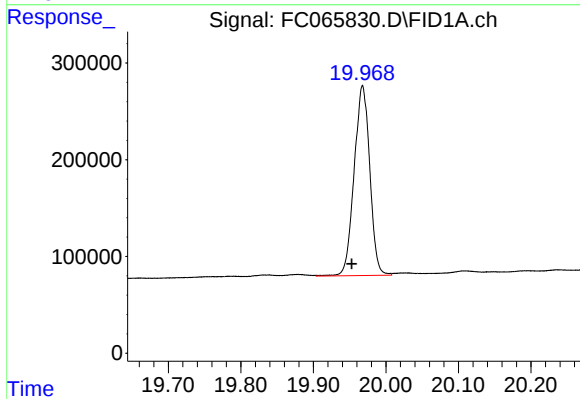
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: 0.014 min
Response: 3269021
Conc: 22.11 ug/ml



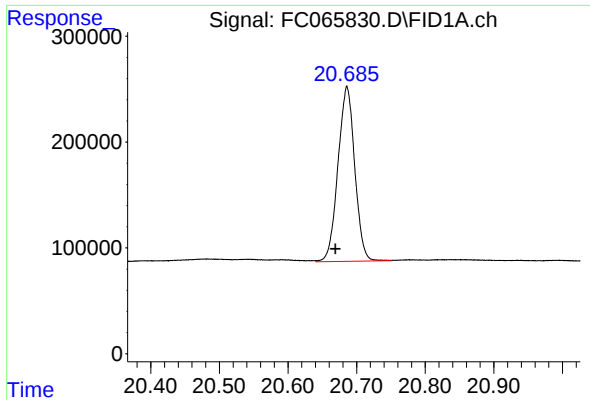
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min
Delta R.T.: 0.013 min
Response: 3109639
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

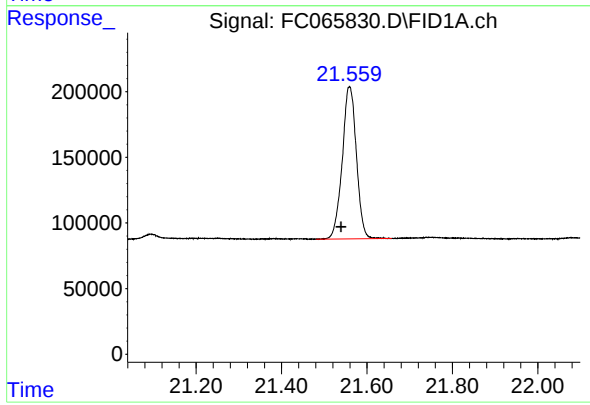
R.T.: 19.968 min
Delta R.T.: 0.015 min
Response: 2945988
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: 0.017 min
Response: 2801867
Conc: 19.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: 0.020 min
Response: 2668158
Conc: 19.13 ug/ml