

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067881.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 14:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 28 00:19:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.499	3867330	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.936	2873095	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.286	3205513	19.652 ug/ml
2) T n-Decane (C10)	4.349	3370019	20.322 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3706617	20.237 ug/ml
4) T n-Dodecane (C12)	6.362	3412414	20.260 ug/ml
5) T A~2-methylnaphthalene...	6.979	3608634	20.347 ug/ml
6) T n-Tetradecane (C14)	8.152	3402205	20.315 ug/ml
7) T n-Hexadecane (C16)	9.750	3540568	20.431 ug/ml
8) T n-Octadecane (C18)	11.188	3570607	20.294 ug/ml
10) T n-Eicosane (C20)	12.495	3378755	20.065 ug/ml
11) T n-Heneicosane (C21)	13.105	3277820	19.921 ug/ml
13) T n-Docosane (C22)	13.690	3236483	19.874 ug/ml
14) T n-Tetracosane (C24)	14.791	3187148	19.872 ug/ml
15) T n-Hexacosane (C26)	15.809	3099650	20.016 ug/ml
16) T n-Octacosane (C28)	16.757	3167536	20.974 ug/ml
17) T n-Tricontane (C30)	17.642	3455870	22.571 ug/ml
18) T n-Dotriacontane (C32)	18.474	3532240	23.916 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2950289	23.391 ug/ml
20) T n-Hexatriacontane (C36)	19.994	2447167	23.398 ug/ml
21) T n-Octatriacontane (C38)	20.717	2161429	22.127 ug/ml
22) T n-Tetracontane (C40)	21.602	2029376	20.821 ug/ml

(f)=RT Delta > 1/2 Window

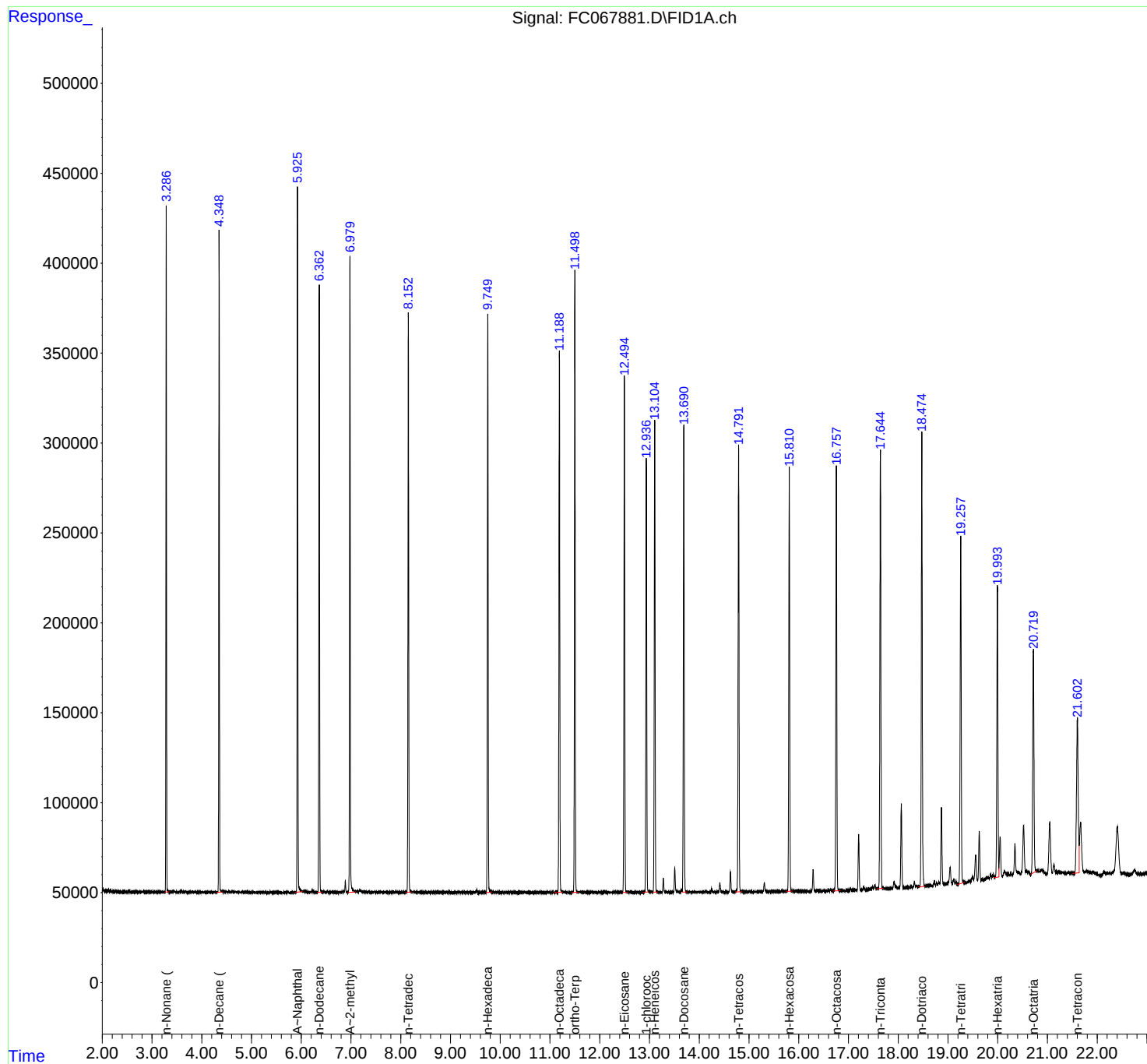
(m)=manual int.

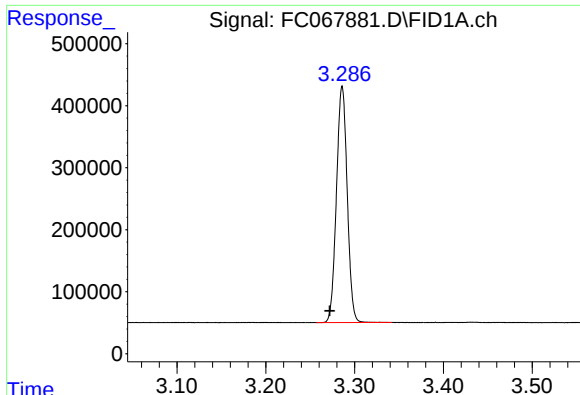
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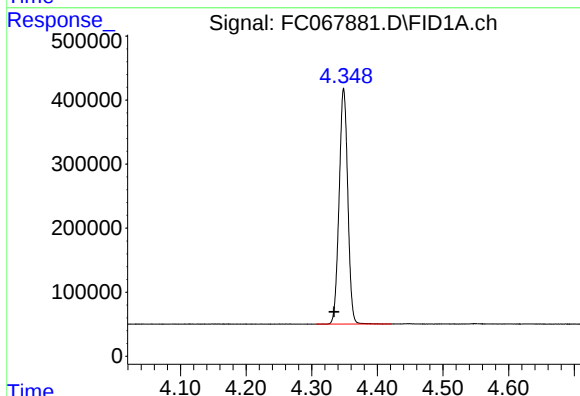




#1 n-Nonane (C9)

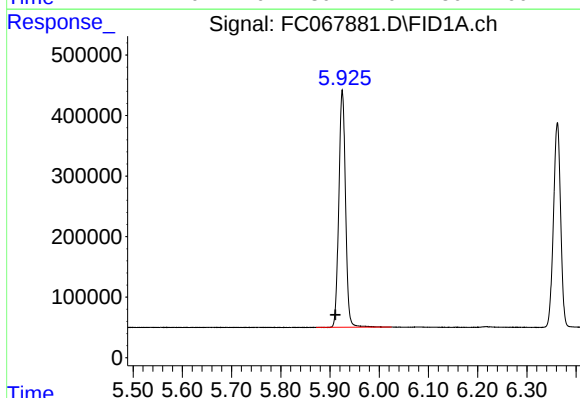
R.T.: 3.286 min
Delta R.T.: 0.014 min
Response: 3205513
Conc: 19.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



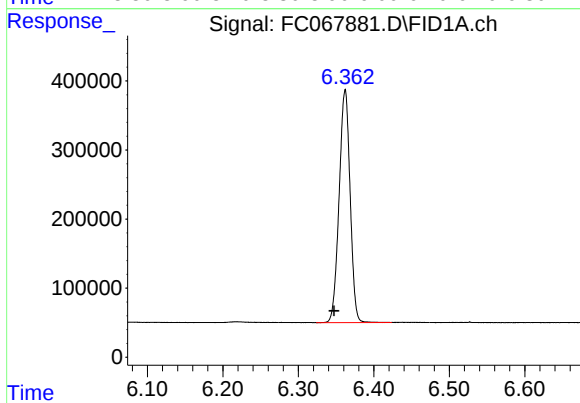
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.015 min
Response: 3370019
Conc: 20.32 ug/ml



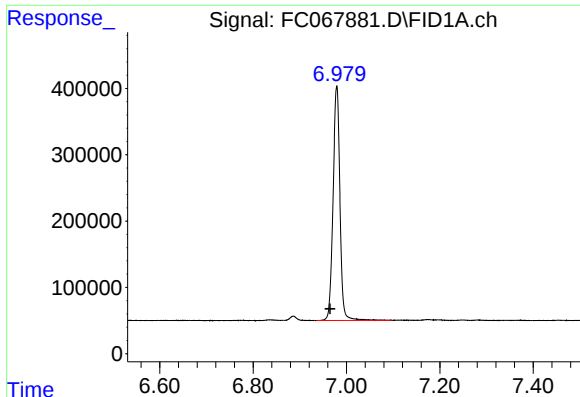
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.014 min
Response: 3706617
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

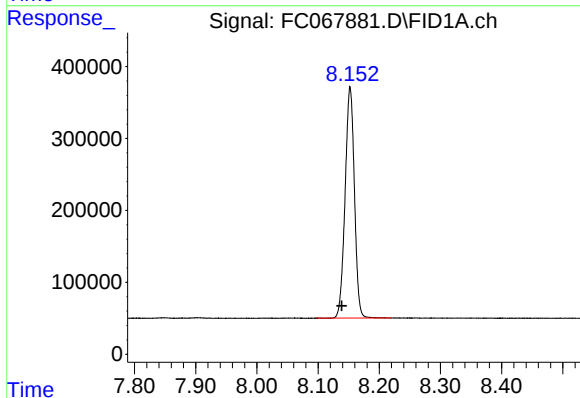
R.T.: 6.362 min
Delta R.T.: 0.014 min
Response: 3412414
Conc: 20.26 ug/ml



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

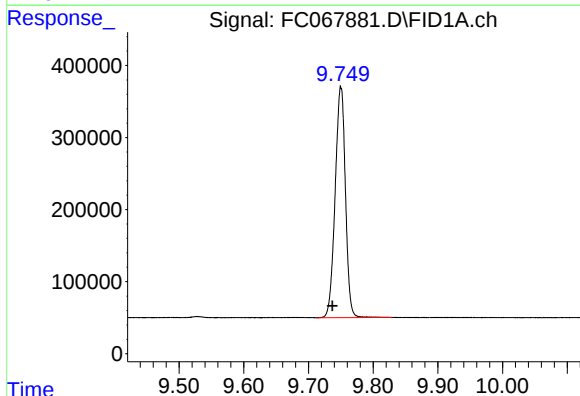
R.T.: 6.979 min
Delta R.T.: 0.014 min
Response: 3608634
Conc: 20.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



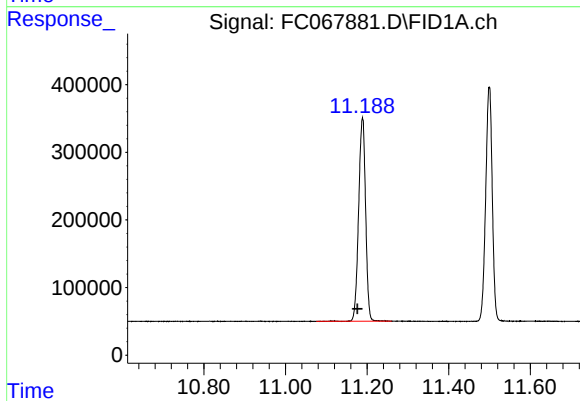
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.013 min
Response: 3402205
Conc: 20.32 ug/ml



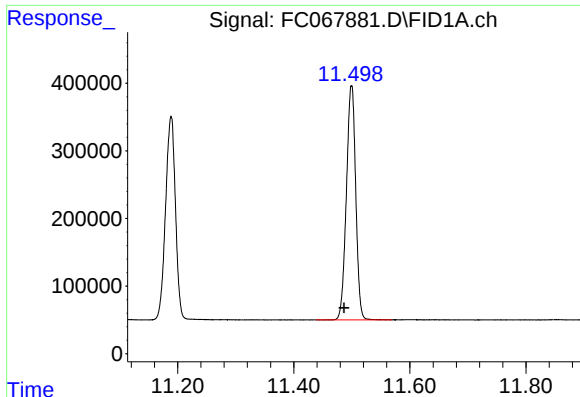
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.013 min
Response: 3540568
Conc: 20.43 ug/ml



#8 n-Octadecane (C18)

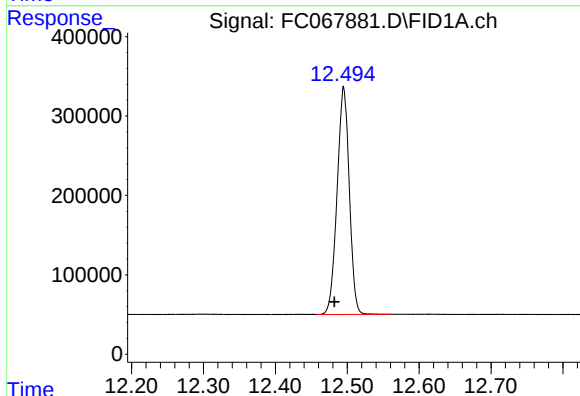
R.T.: 11.188 min
Delta R.T.: 0.012 min
Response: 3570607
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

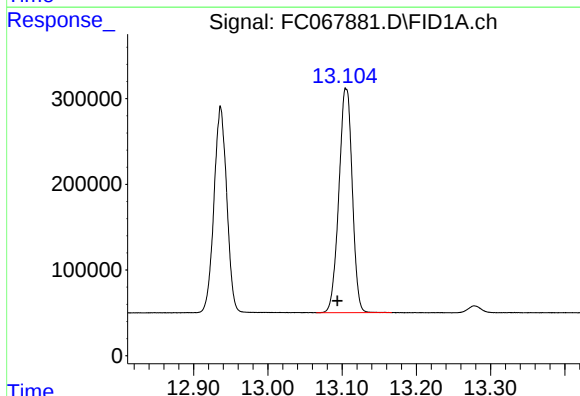
R.T.: 11.499 min
Delta R.T.: 0.013 min
Response: 3867330
Conc: 19.95 ug/ml

Instrument :
FID_C
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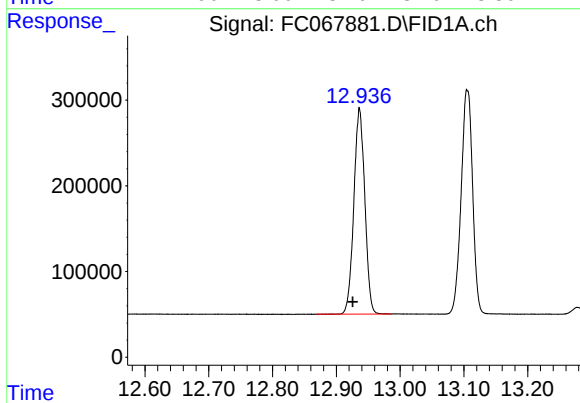
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.013 min
Response: 3378755
Conc: 20.07 ug/ml



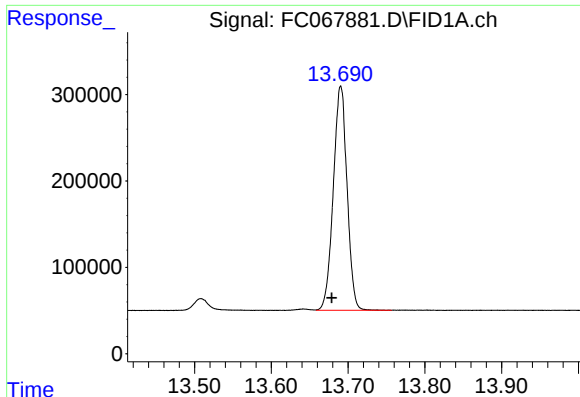
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.012 min
Response: 3277820
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

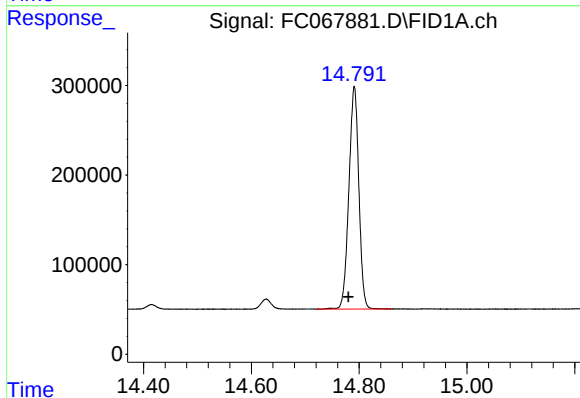
R.T.: 12.936 min
Delta R.T.: 0.011 min
Response: 2873095
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

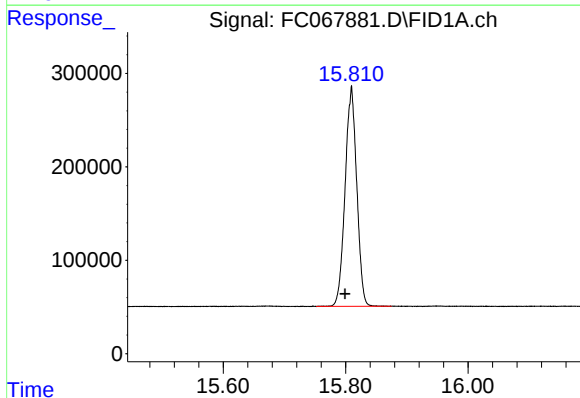
R.T.: 13.690 min
Delta R.T.: 0.012 min
Response: 3236483
Conc: 19.87 ug/ml

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20 PPM ALIPHATIC HC STD



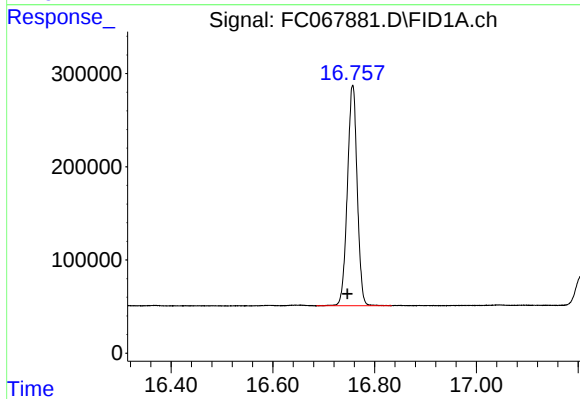
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.011 min
Response: 3187148
Conc: 19.87 ug/ml



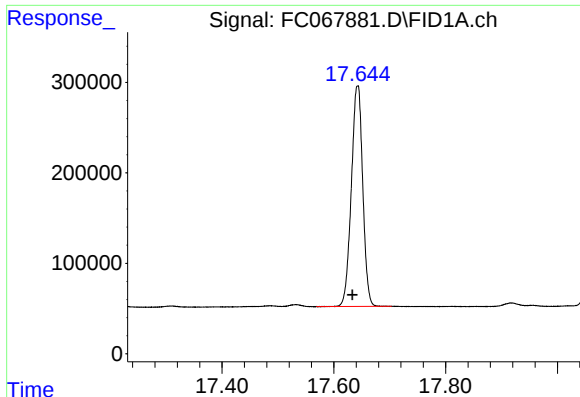
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.010 min
Response: 3099650
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

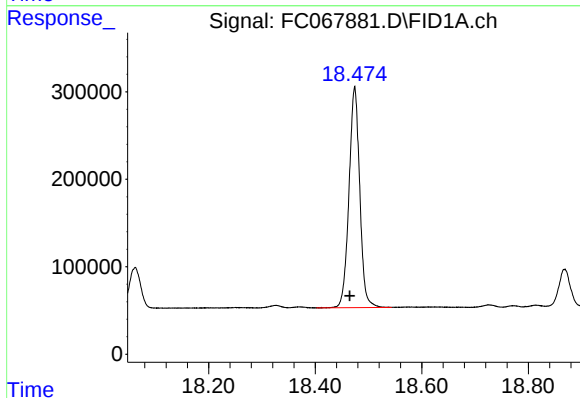
R.T.: 16.757 min
Delta R.T.: 0.010 min
Response: 3167536
Conc: 20.97 ug/ml



#17 n-Tricontane (C30)

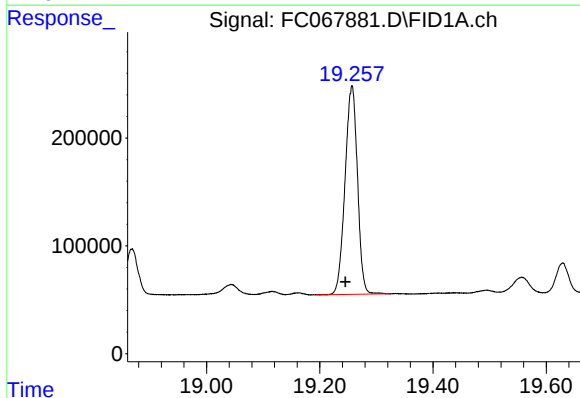
R.T.: 17.642 min
Delta R.T.: 0.009 min
Response: 3455870
Conc: 22.57 ug/ml

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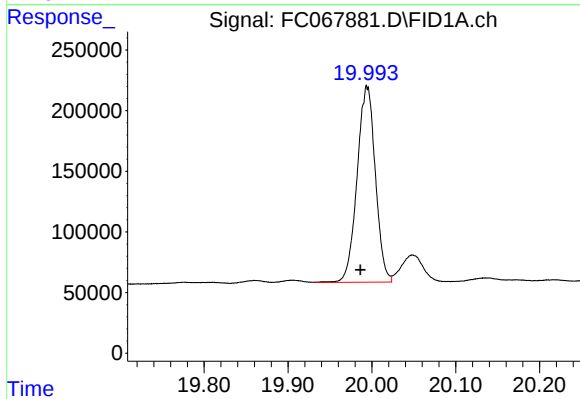
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.009 min
Response: 3532240
Conc: 23.92 ug/ml



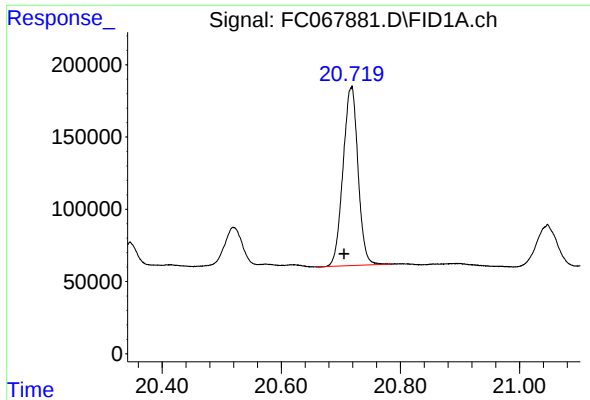
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.011 min
Response: 2950289
Conc: 23.39 ug/ml



#20 n-Hexatriacontane (C36)

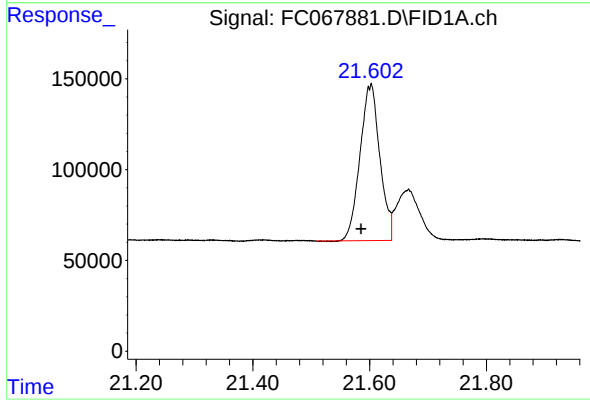
R.T.: 19.994 min
Delta R.T.: 0.008 min
Response: 2447167
Conc: 23.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.012 min
Response: 2161429
Conc: 22.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.016 min
Response: 2029376
Conc: 20.82 ug/ml