

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082625AL\
 Data File : FC069742.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 12:41
 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 27 01:05:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 2025
 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)	11.662	3190580	21.387 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	13.099	2410334	22.108 ug/ml
Spiked Amount 50.000		Recovery =	44.22%
Target Compounds			
1) T n-Nonane (C9)	3.394	2906067	20.397 ug/ml
2) T n-Decane (C10)	4.467	3018584	20.763 ug/ml
3) T A~Naphthalene (C11.7)	6.062	3227618	20.801 ug/ml
4) T n-Dodecane (C12)	6.492	3052261	20.880 ug/ml
5) T A~2-methylnaphthalene...	7.121	3092874	21.001 ug/ml
6) T n-Tetradecane (C14)	8.291	3061920	21.455 ug/ml
7) T n-Hexadecane (C16)	9.896	3134199	21.741 ug/ml
8) T n-Octadecane (C18)	11.341	3095768	21.892 ug/ml
10) T n-Eicosane (C20)	12.652	2887061	21.917 ug/ml
11) T n-Heneicosane (C21)	13.265	2790157	21.876 ug/ml
13) T n-Docosane (C22)	13.853	2739612	21.931 ug/ml
14) T n-Tetracosane (C24)	14.958	2642935	21.902 ug/ml
15) T n-Hexacosane (C26)	15.980	2510780	21.729 ug/ml
16) T n-Octacosane (C28)	16.931	2443850	21.803 ug/ml
17) T n-Tricontane (C30)	17.820	2542614	22.207 ug/ml
18) T n-Dotriacontane (C32)	18.654	2551879	22.973 ug/ml
19) T n-Tetratriacontane (C34)	19.439	2337913	22.960 ug/ml
20) T n-Hexatriacontane (C36)	20.180	2013556	22.582 ug/ml
21) T n-Octatriacontane (C38)	20.944	1805078	22.439 ug/ml
22) T n-Tetracontane (C40)	21.904	1683101	22.477 ug/ml

(f)=RT Delta > 1/2 Window

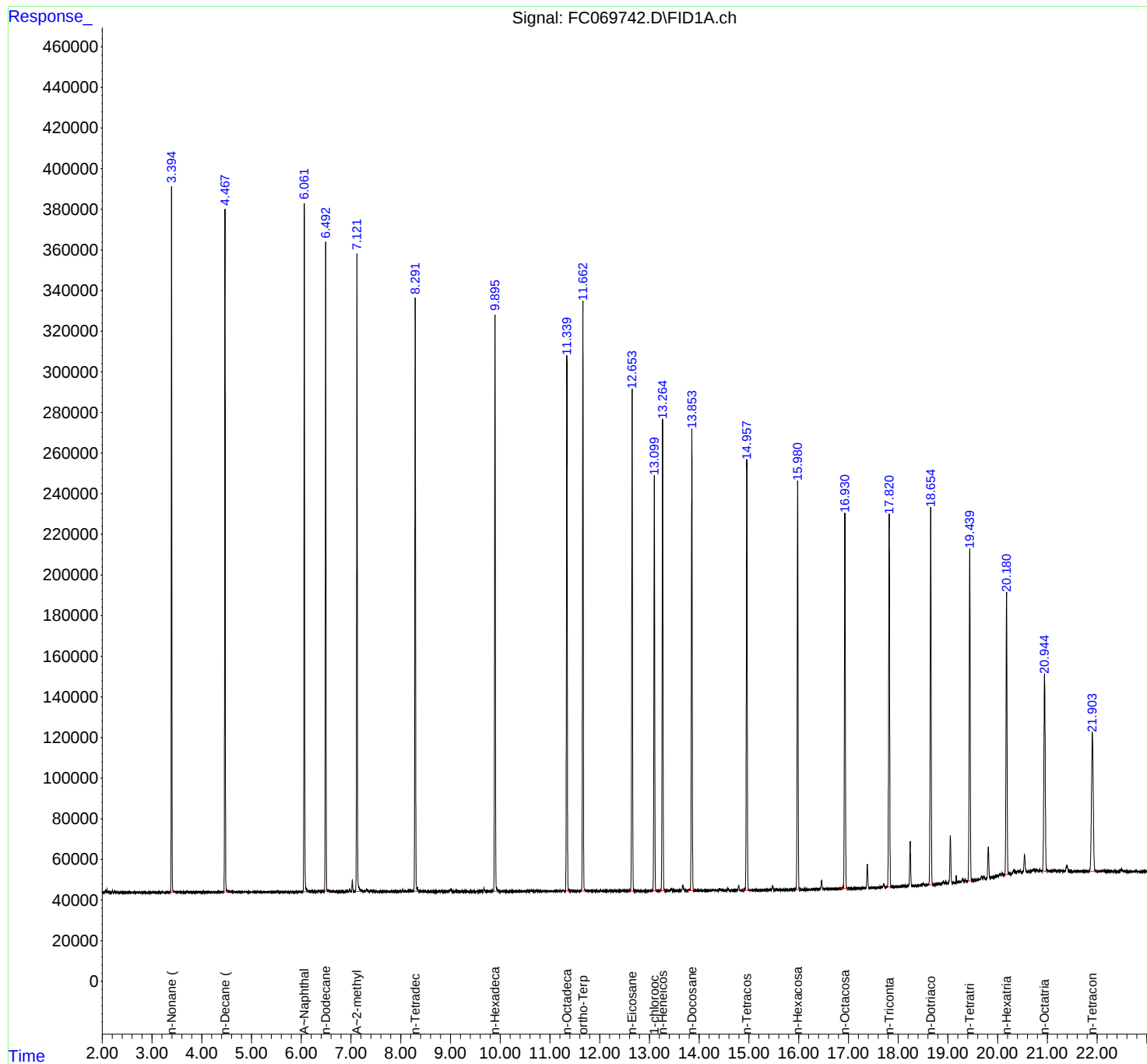
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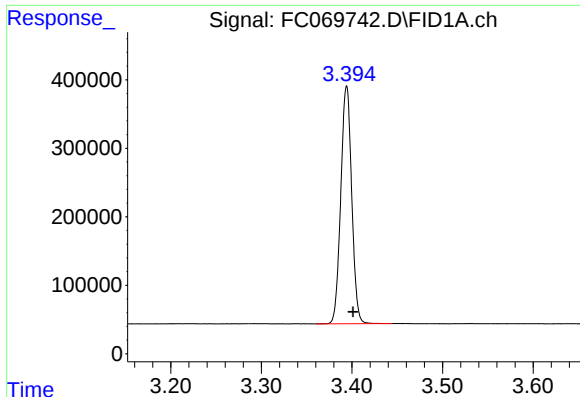
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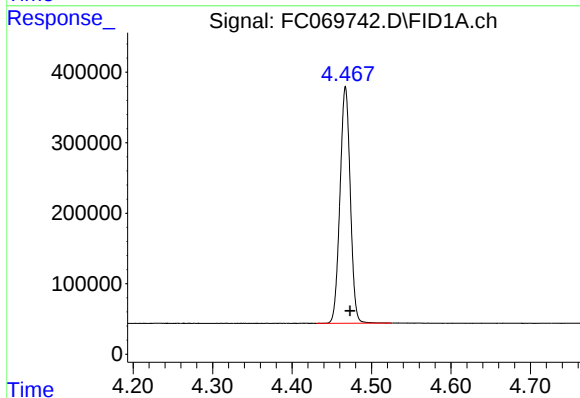




#1 n-Nonane (C9)

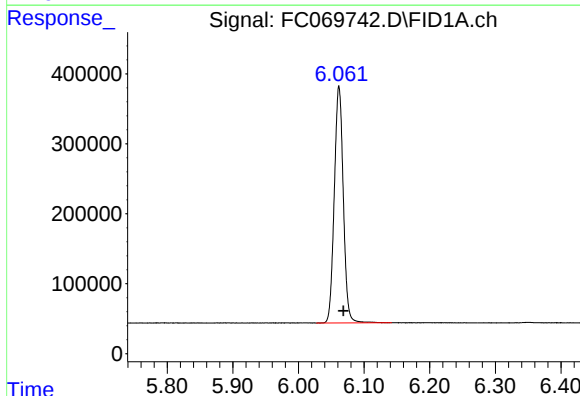
R.T.: 3.394 min
Delta R.T.: -0.007 min
Response: 2906067
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



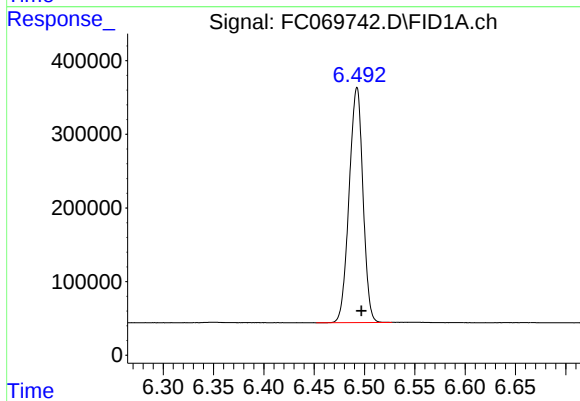
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 3018584
Conc: 20.76 ug/ml



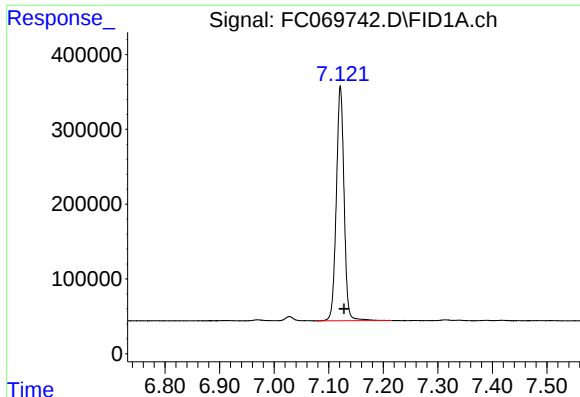
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 3227618
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

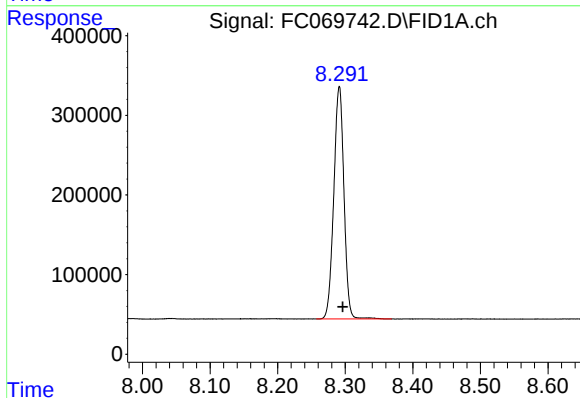
R.T.: 6.492 min
Delta R.T.: -0.005 min
Response: 3052261
Conc: 20.88 ug/ml



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

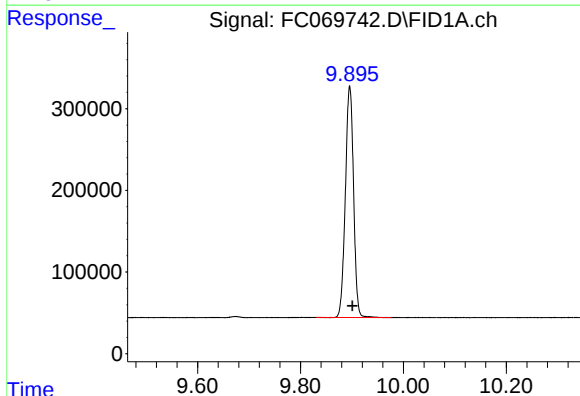
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 3092874
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



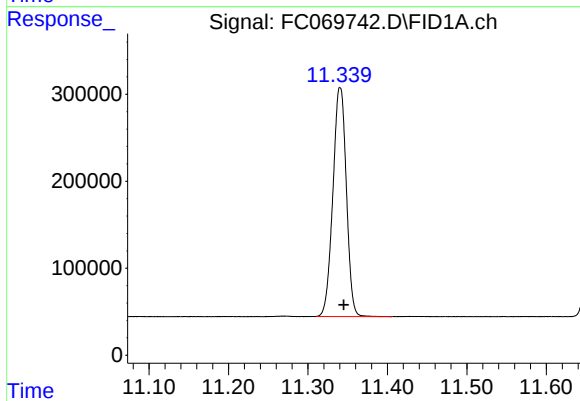
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 3061920
Conc: 21.46 ug/ml



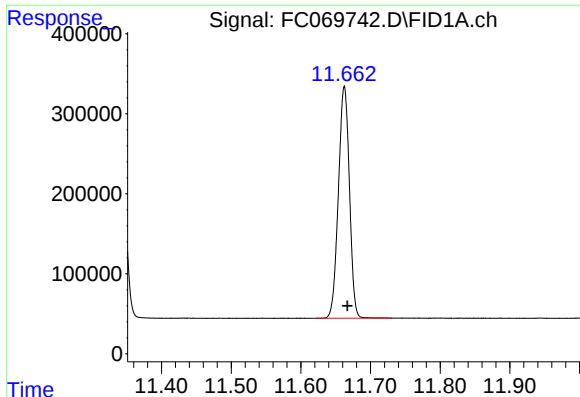
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.005 min
Response: 3134199
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

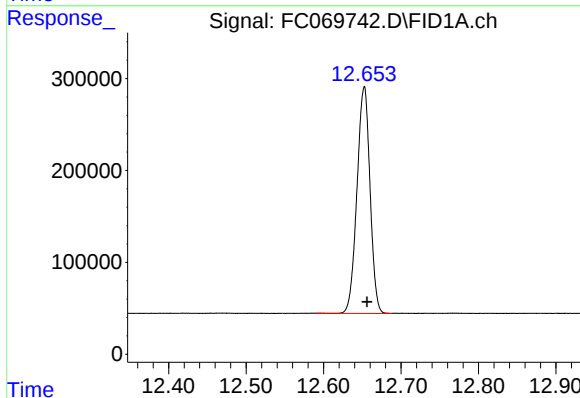
R.T.: 11.341 min
Delta R.T.: -0.004 min
Response: 3095768
Conc: 21.89 ug/ml



#9 ortho-Terphenyl (SURR)

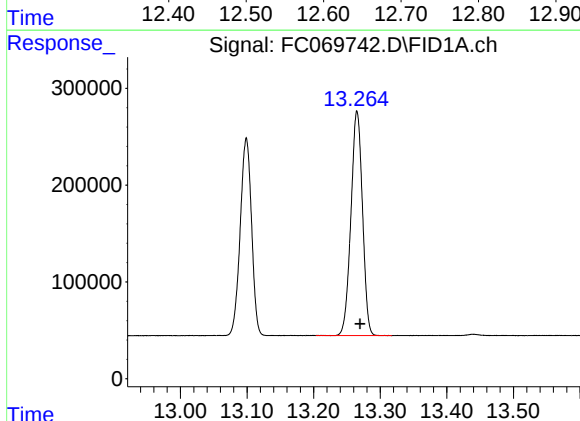
R.T.: 11.662 min
Delta R.T.: -0.005 min
Response: 3190580
Conc: 21.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



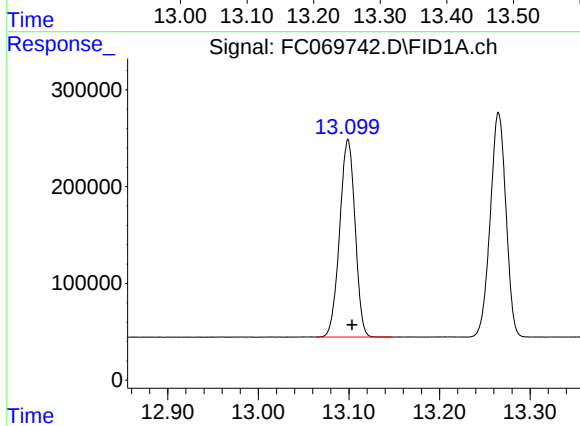
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.004 min
Response: 2887061
Conc: 21.92 ug/ml



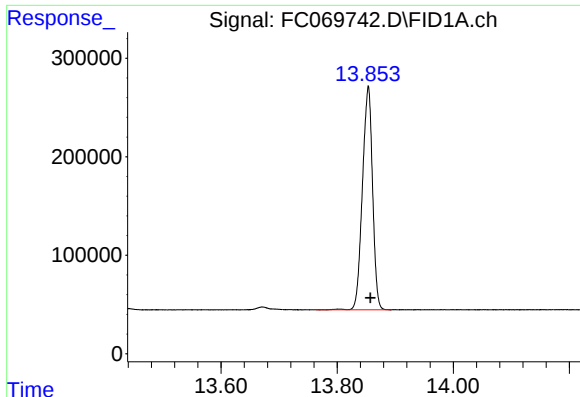
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.004 min
Response: 2790157
Conc: 21.88 ug/ml



#12 1-chlorooctadecane (SURR)

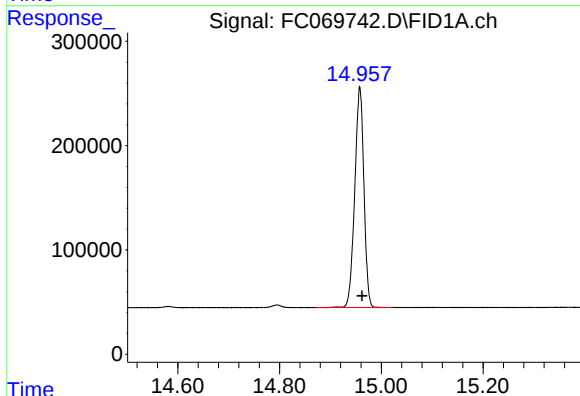
R.T.: 13.099 min
Delta R.T.: -0.005 min
Response: 2410334
Conc: 22.11 ug/ml



#13 n-Docosane (C22)

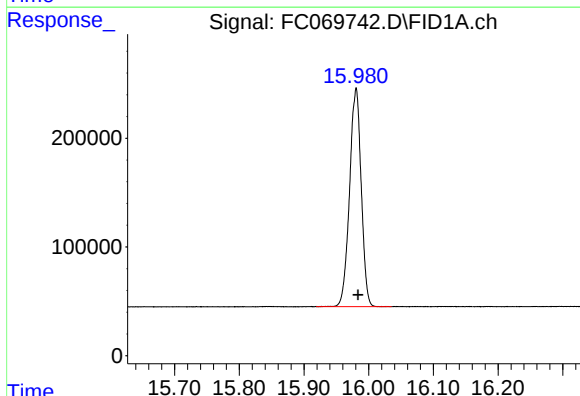
R.T.: 13.853 min
Delta R.T.: -0.004 min
Response: 2739612
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



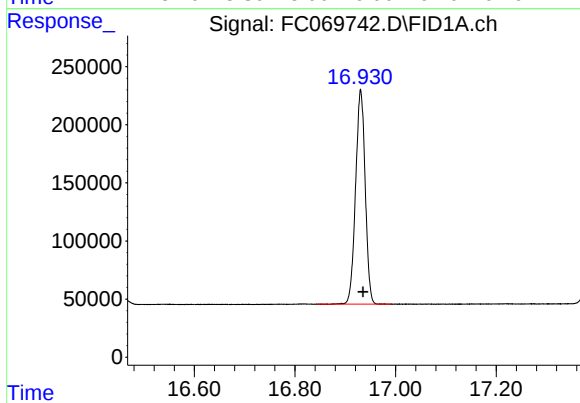
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 2642935
Conc: 21.90 ug/ml



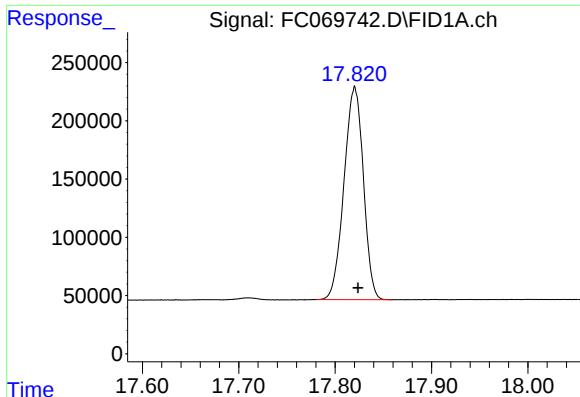
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.003 min
Response: 2510780
Conc: 21.73 ug/ml



#16 n-Octacosane (C28)

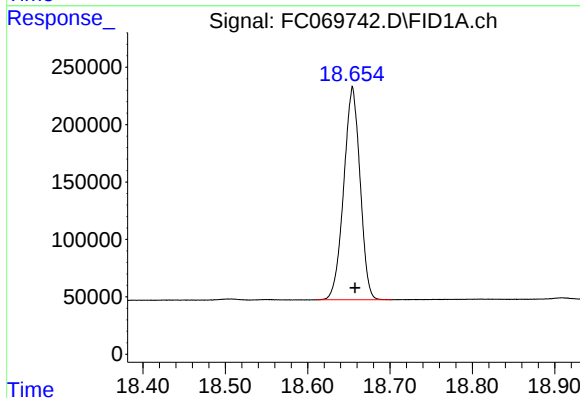
R.T.: 16.931 min
Delta R.T.: -0.004 min
Response: 2443850
Conc: 21.80 ug/ml



#17 n-Tricontane (C30)

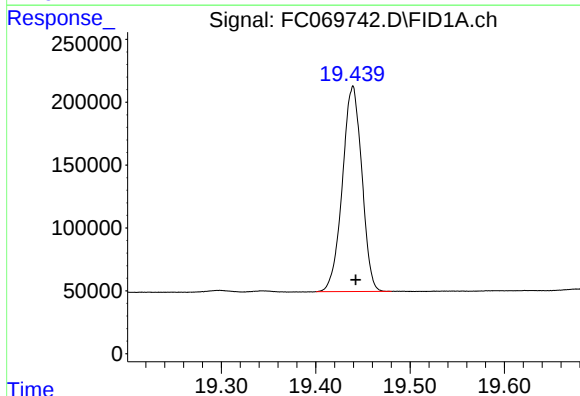
R.T.: 17.820 min
Delta R.T.: -0.004 min
Response: 2542614
Conc: 22.21 ug/ml

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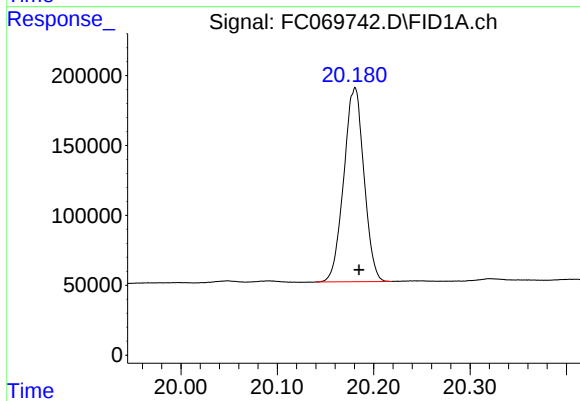
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: -0.003 min
Response: 2551879
Conc: 22.97 ug/ml



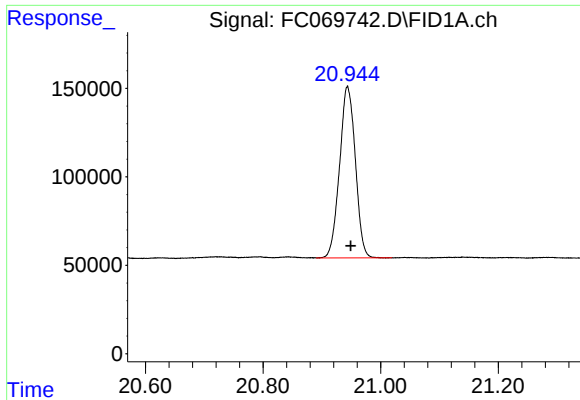
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.003 min
Response: 2337913
Conc: 22.96 ug/ml



#20 n-Hexatriacontane (C36)

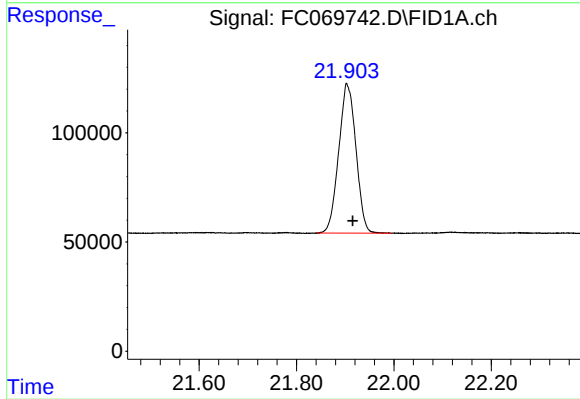
R.T.: 20.180 min
Delta R.T.: -0.005 min
Response: 2013556
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.944 min
Delta R.T.: -0.005 min
Response: 1805078
Conc: 22.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: -0.011 min
Response: 1683101
Conc: 22.48 ug/ml