

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110724AL\
 Data File : FC067651.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 07:23
 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: Nov 07 13:49:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.492	3037893	20.704 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
12) S 1-chlorooctadecane (S...	12.930	2283373	21.145 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T n-Nonane (C9)	3.271	2808045	20.843 ug/ml
2) T n-Decane (C10)	4.336	2857673	20.974 ug/ml
3) T A~Naphthalene (C11.7)	5.914	3115550	21.024 ug/ml
4) T n-Dodecane (C12)	6.352	2863588	21.142 ug/ml
5) T A~2-methylnaphthalene...	6.969	2975943	21.073 ug/ml
6) T n-Tetradecane (C14)	8.144	2796417	21.304 ug/ml
7) T n-Hexadecane (C16)	9.742	2830612	21.427 ug/ml
8) T n-Octadecane (C18)	11.181	2812463	21.288 ug/ml
10) T n-Eicosane (C20)	12.488	2665607	21.126 ug/ml
11) T n-Heneicosane (C21)	13.098	2609980	21.148 ug/ml
13) T n-Docosane (C22)	13.685	2583010	21.095 ug/ml
14) T n-Tetracosane (C24)	14.785	2556105	21.088 ug/ml
15) T n-Hexacosane (C26)	15.805	2516820	21.140 ug/ml
16) T n-Octacosane (C28)	16.753	2474736	21.035 ug/ml
17) T n-Tricontane (C30)	17.639	2517313	20.826 ug/ml
18) T n-Dotriacontane (C32)	18.470	2445901	20.672 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2197055	20.979 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1933430	21.240 ug/ml
21) T n-Octatriacontane (C38)	20.711	1824101	21.063 ug/ml
22) T n-Tetracontane (C40)	21.596	1806921	21.255 ug/ml

(f)=RT Delta > 1/2 Window

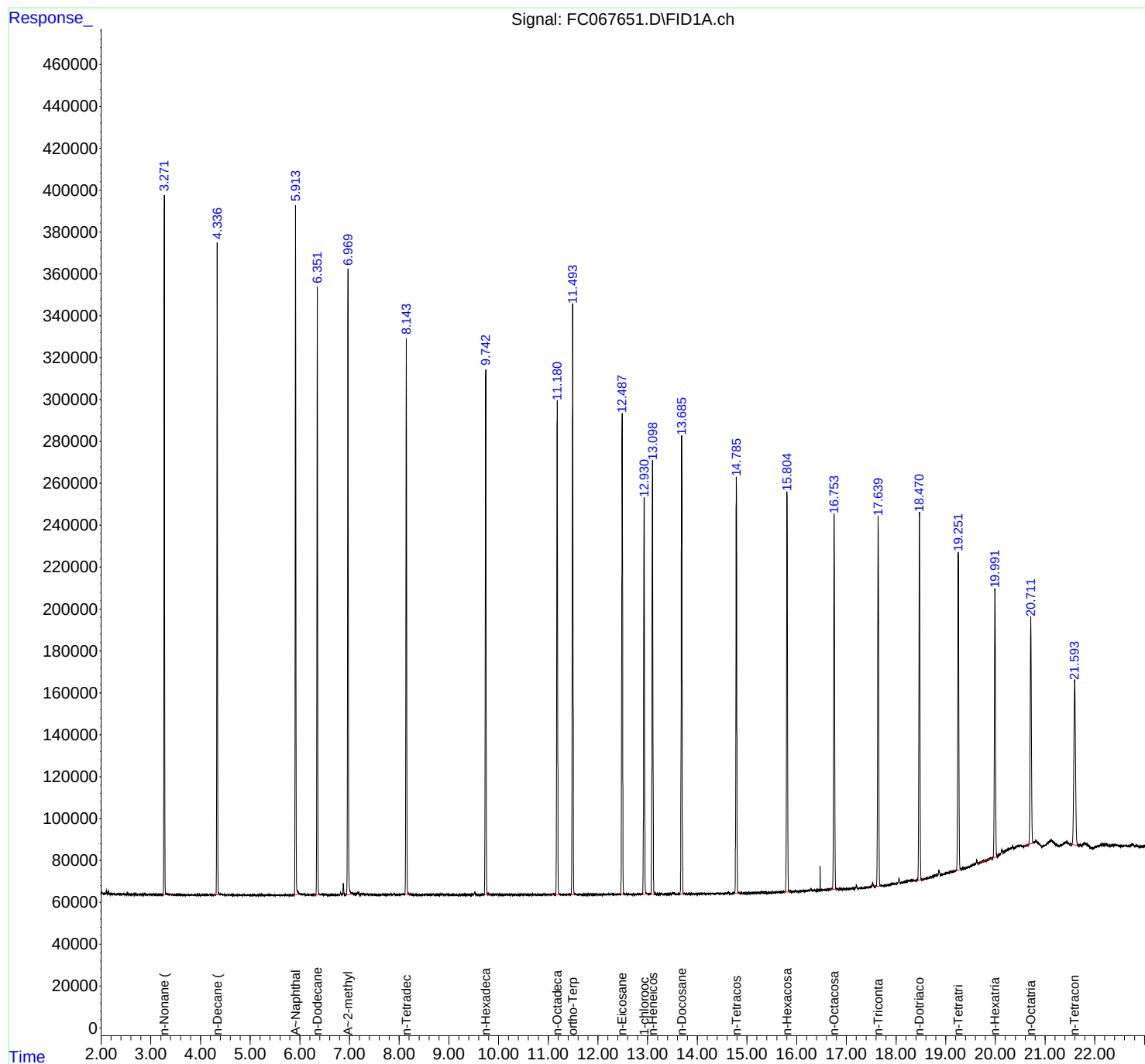
(m)=manual int.

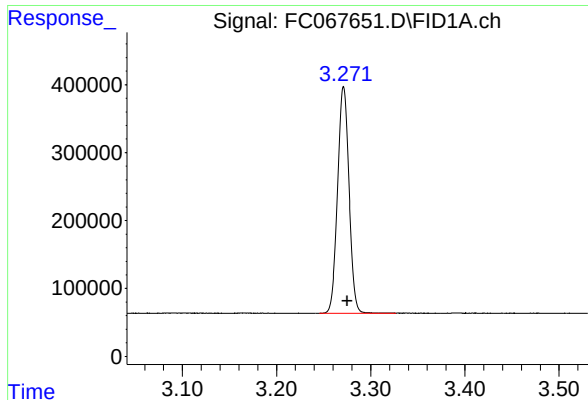
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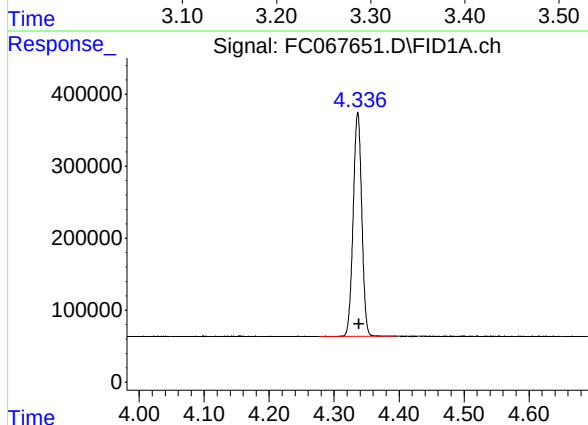




#1 n-Nonane (C9)

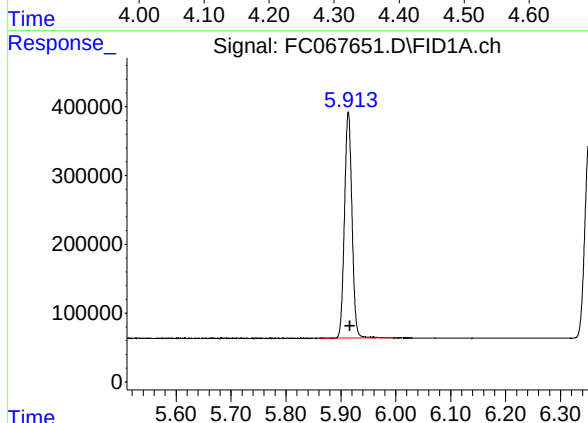
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2808045
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



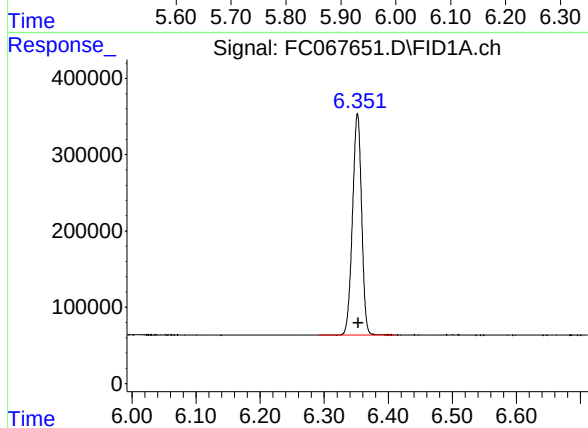
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 2857673
Conc: 20.97 ug/ml



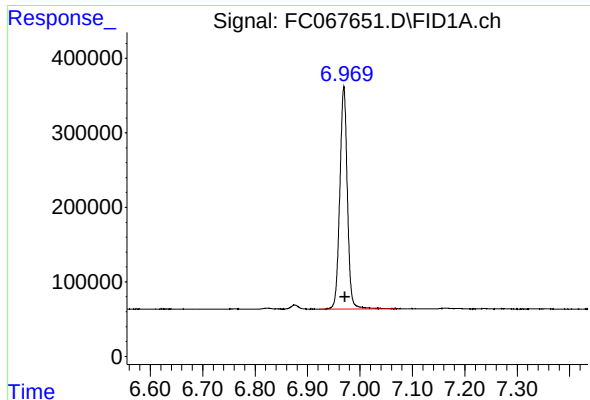
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 3115550
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

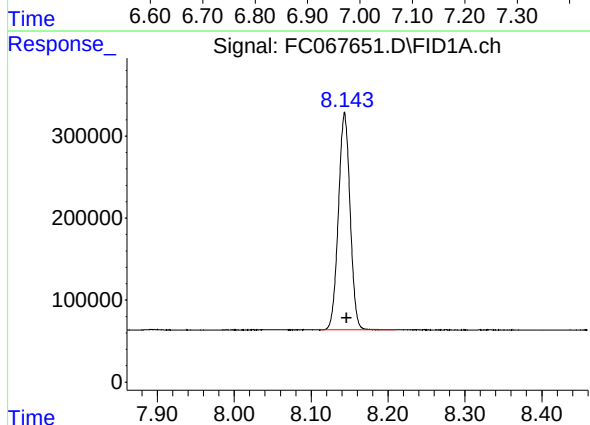
R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 2863588
Conc: 21.14 ug/ml



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

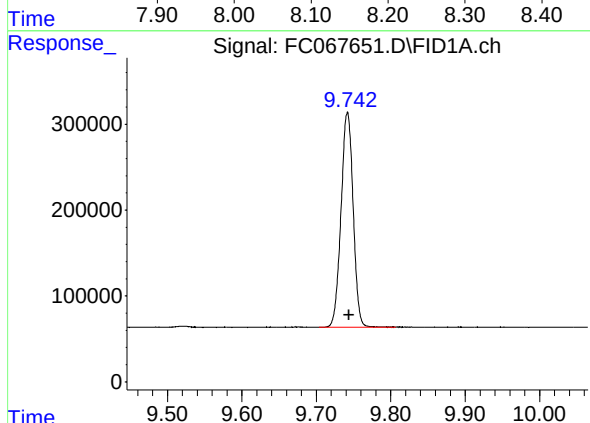
R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 2975943
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



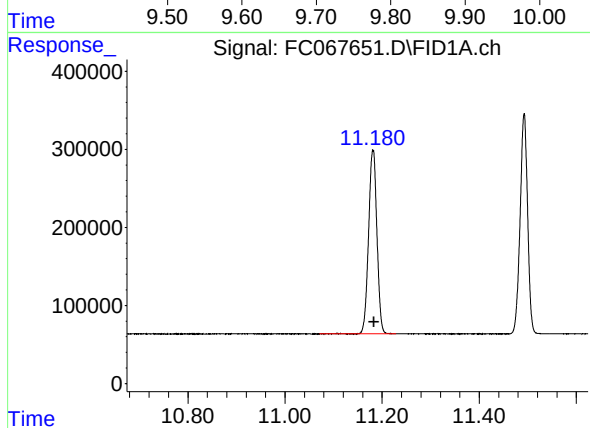
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 2796417
Conc: 21.30 ug/ml



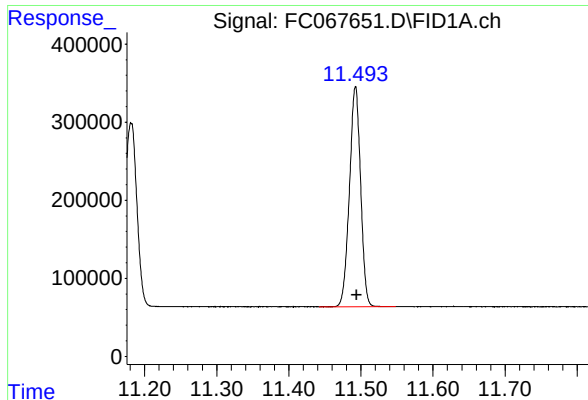
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 2830612
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

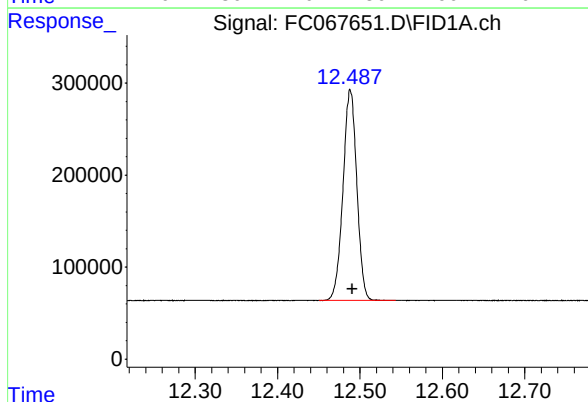
R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2812463
Conc: 21.29 ug/ml



#9 ortho-Terphenyl (SURR)

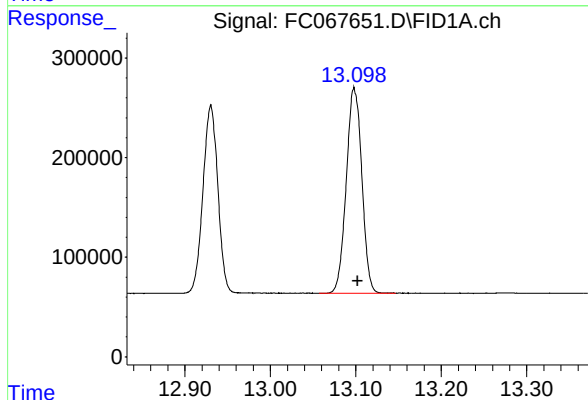
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 3037893
Conc: 20.70 ug/ml

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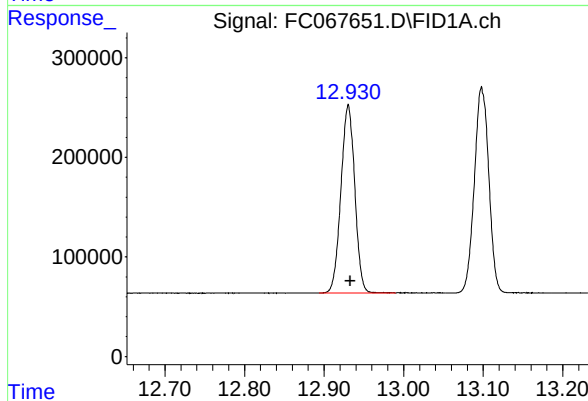
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2665607
Conc: 21.13 ug/ml



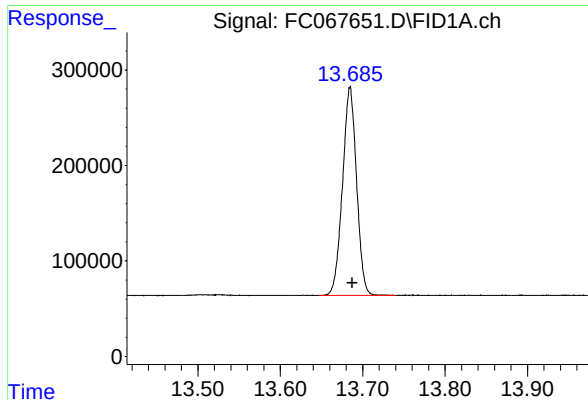
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 2609980
Conc: 21.15 ug/ml



#12 1-chlorooctadecane (SURR)

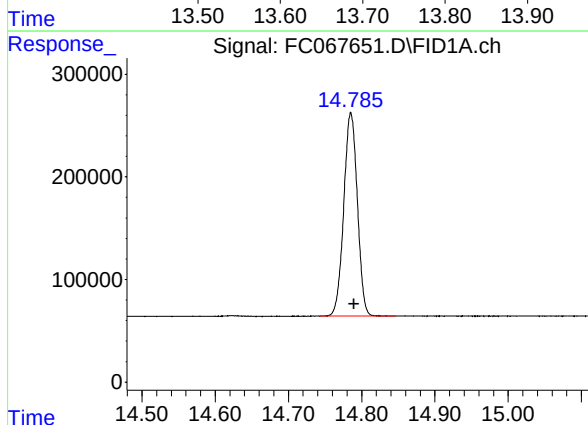
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2283373
Conc: 21.14 ug/ml



#13 n-Docosane (C22)

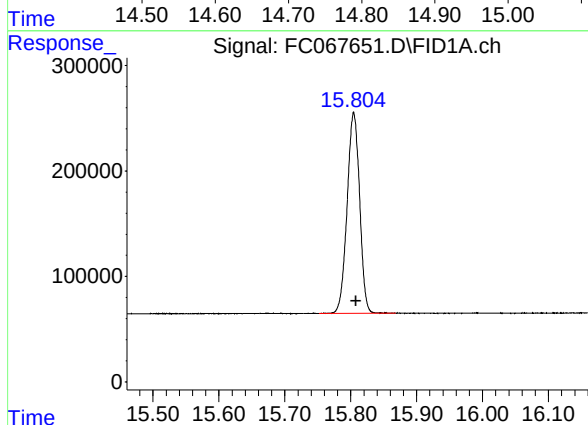
R.T.: 13.685 min
Delta R.T.: -0.003 min
Response: 2583010
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



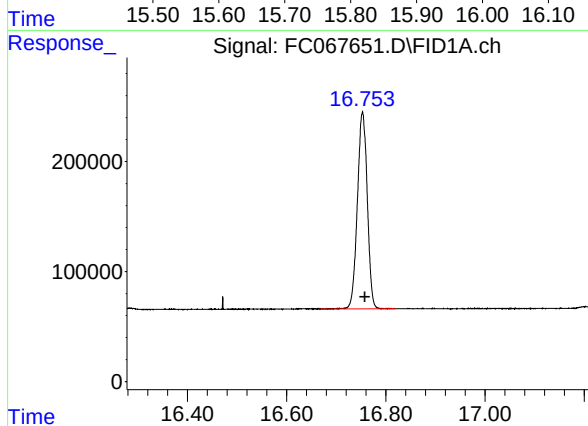
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 2556105
Conc: 21.09 ug/ml



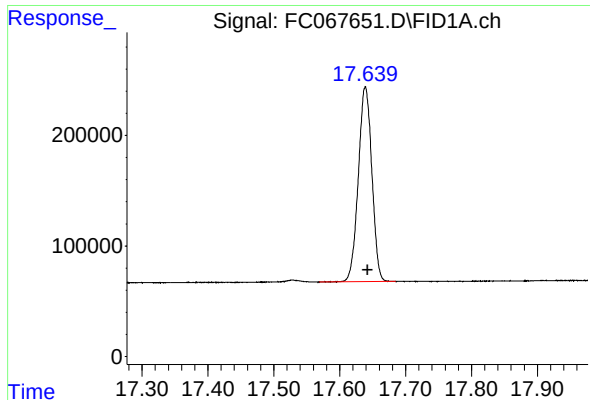
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.003 min
Response: 2516820
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

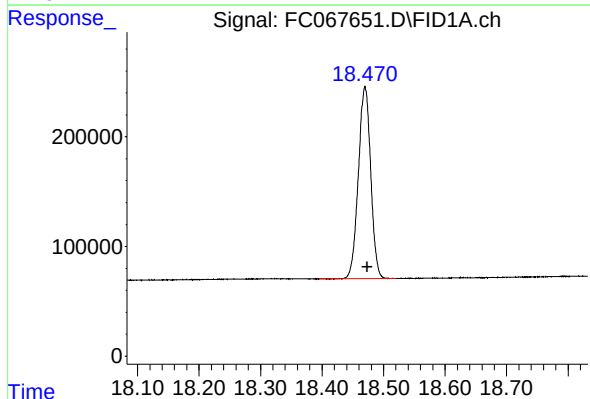
R.T.: 16.753 min
Delta R.T.: -0.005 min
Response: 2474736
Conc: 21.04 ug/ml



#17 n-Tricontane (C30)

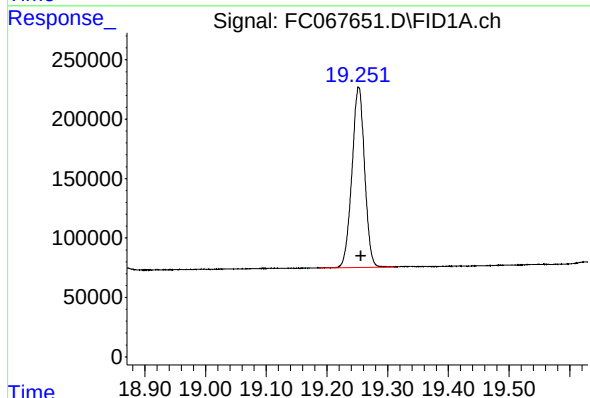
R.T.: 17.639 min
Delta R.T.: -0.004 min
Response: 2517313
Conc: 20.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



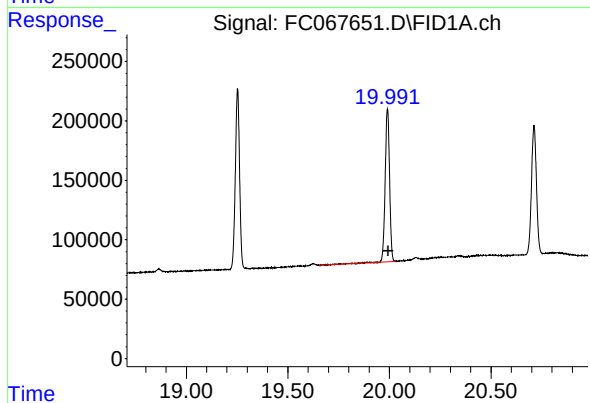
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.004 min
Response: 2445901
Conc: 20.67 ug/ml



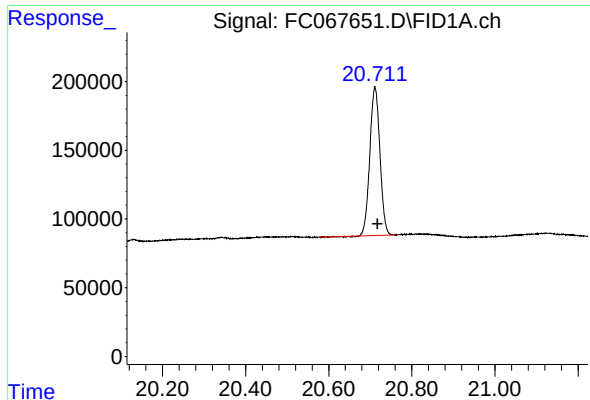
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.004 min
Response: 2197055
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

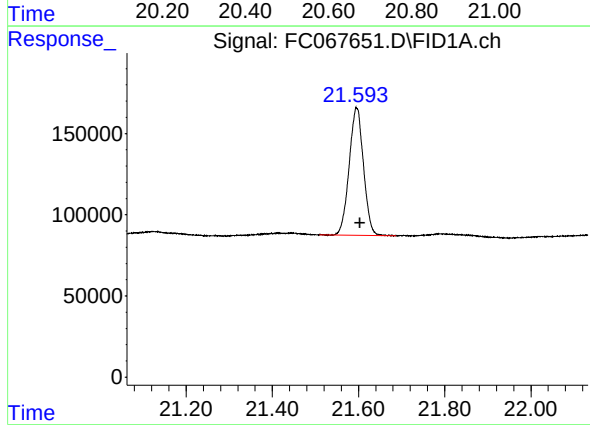
R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 1933430
Conc: 21.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 1824101
Conc: 21.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.008 min
Response: 1806921
Conc: 21.26 ug/ml