

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080524AL\
 Data File : FC066932.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 03:05
 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 06 04:00:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.515	2881565	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	12.955	2155653	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T n-Nonane (C9)	3.285	2678977	18.880 ug/ml
2) T n-Decane (C10)	4.350	2815925	19.049 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3019656	18.909 ug/ml
4) T n-Dodecane (C12)	6.367	2822311	18.826 ug/ml
5) T A~2-methylnaphthalene...	6.986	2890780	18.857 ug/ml
6) T n-Tetradecane (C14)	8.161	2729025	18.652 ug/ml
7) T n-Hexadecane (C16)	9.761	2769339	18.503 ug/ml
8) T n-Octadecane (C18)	11.203	2751142	18.539 ug/ml
10) T n-Eicosane (C20)	12.512	2593455	18.606 ug/ml
11) T n-Heneicosane (C21)	13.123	2532853	18.595 ug/ml
13) T n-Docosane (C22)	13.709	2506592	18.661 ug/ml
14) T n-Tetracosane (C24)	14.811	2486233	18.692 ug/ml
15) T n-Hexacosane (C26)	15.831	2433433	18.702 ug/ml
16) T n-Octacosane (C28)	16.781	2419034	19.175 ug/ml
17) T n-Tricontane (C30)	17.668	2545029	19.791 ug/ml
18) T n-Dotriacontane (C32)	18.499	2559672	20.332 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2493906	20.159 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2288883	19.677 ug/ml
21) T n-Octatriacontane (C38)	20.751	2193127	19.739 ug/ml
22) T n-Tetracontane (C40)	21.646	2144684	19.728 ug/ml

(f)=RT Delta > 1/2 Window

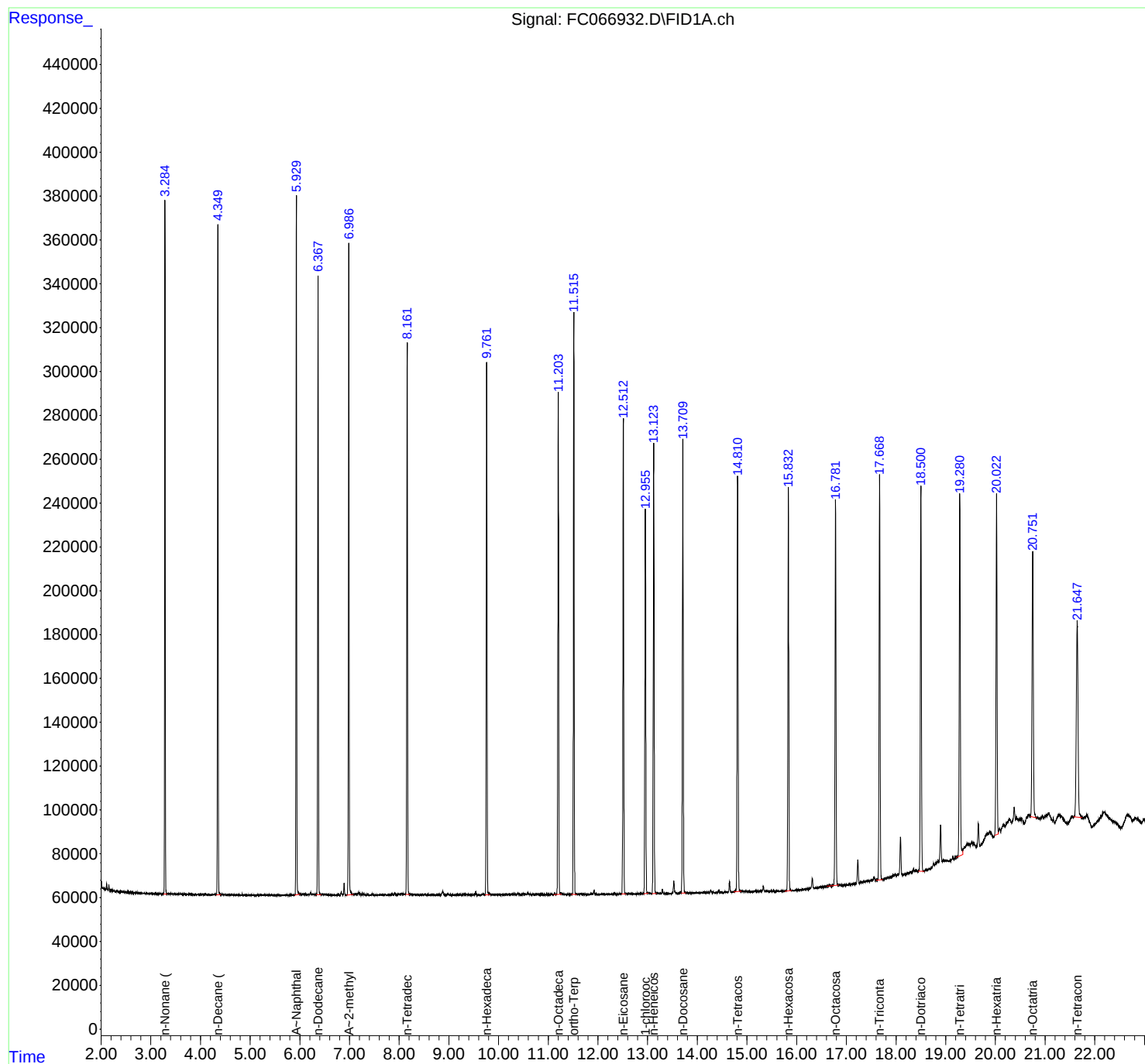
(m)=manual int.

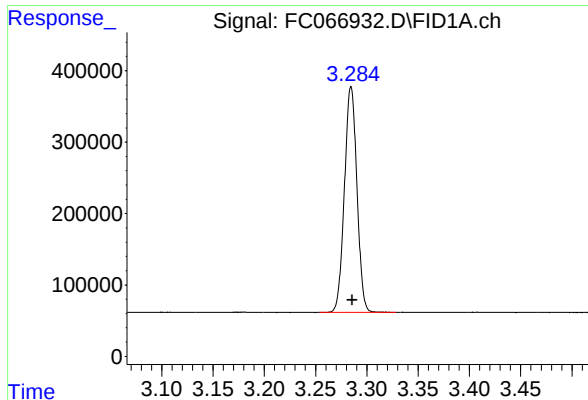
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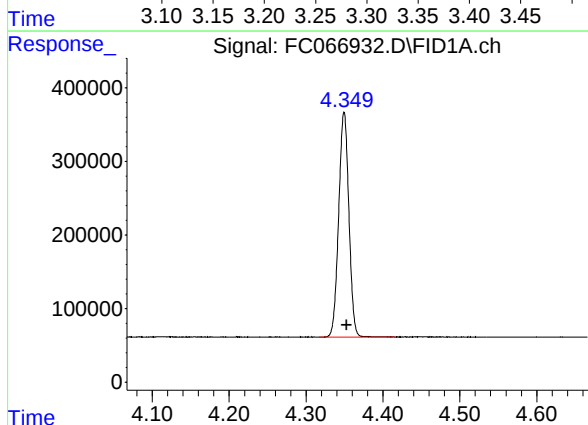




#1 n-Nonane (C9)

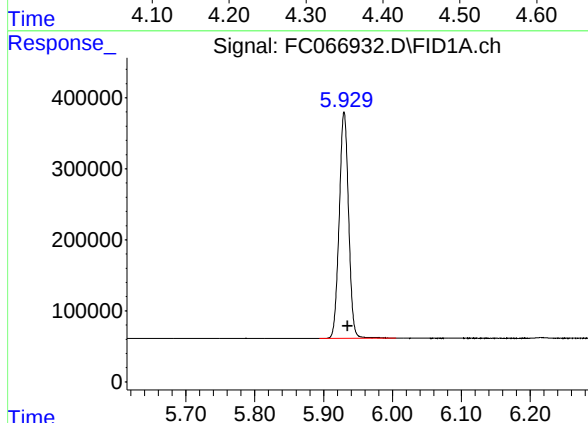
R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 2678977
Conc: 18.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



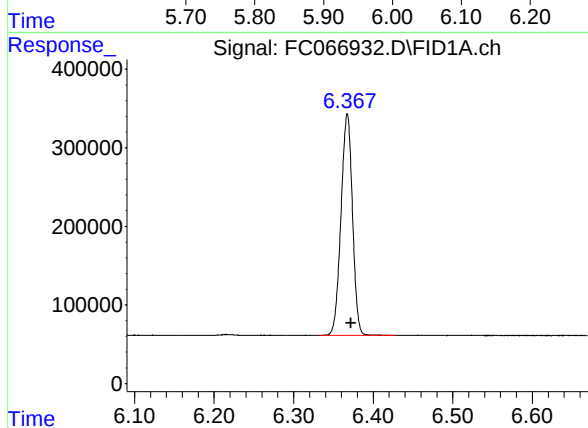
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 2815925
Conc: 19.05 ug/ml



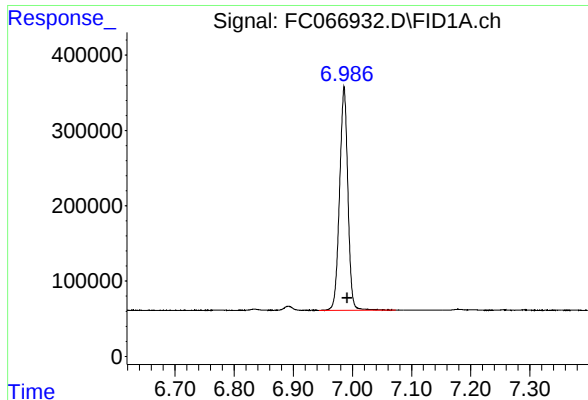
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 3019656
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

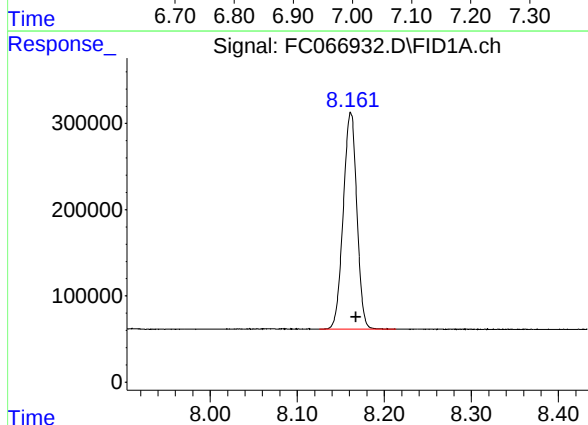
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 2822311
Conc: 18.83 ug/ml



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

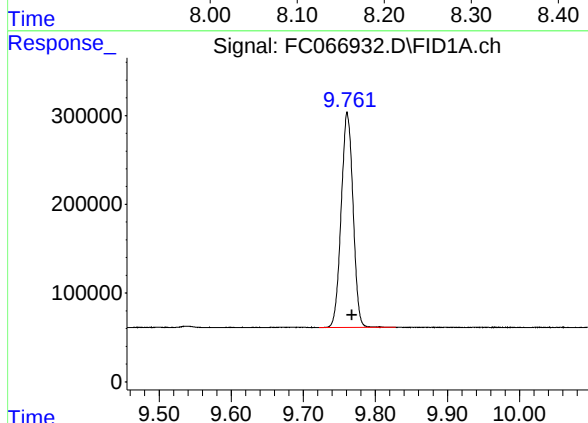
R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 2890780
Conc: 18.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



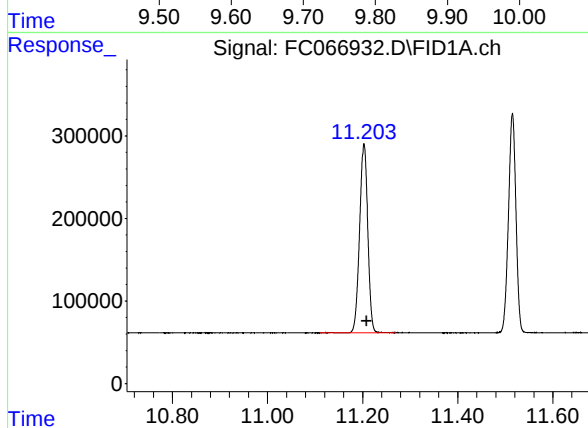
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 2729025
Conc: 18.65 ug/ml



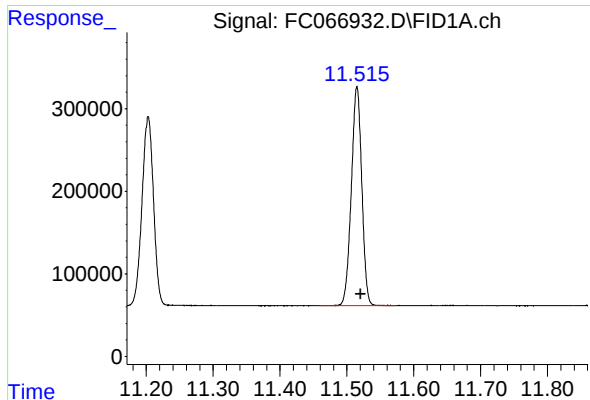
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.006 min
Response: 2769339
Conc: 18.50 ug/ml



#8 n-Octadecane (C18)

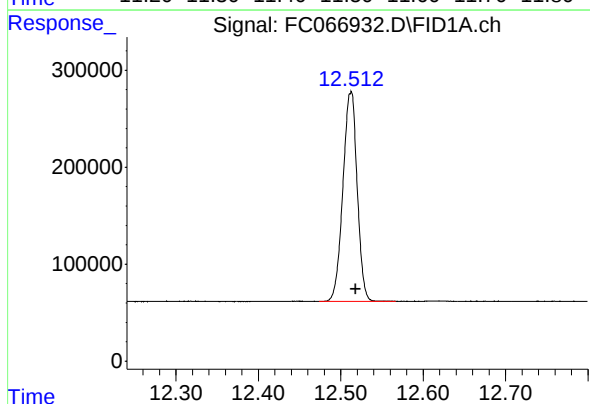
R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 2751142
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

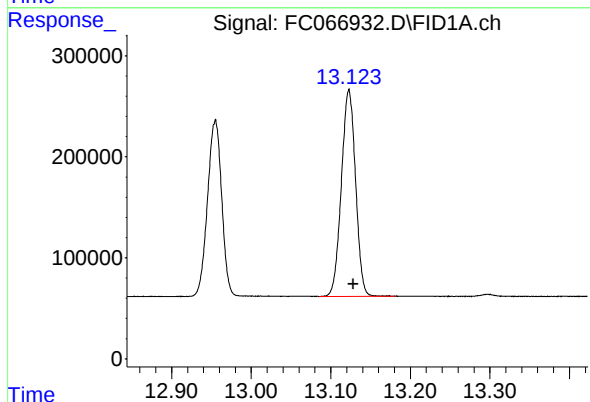
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2881565
Conc: 18.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



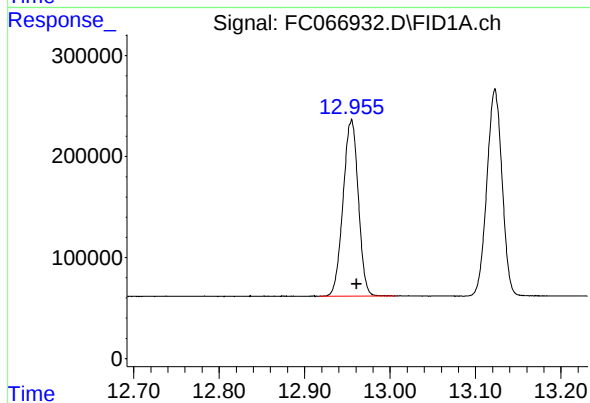
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 2593455
Conc: 18.61 ug/ml



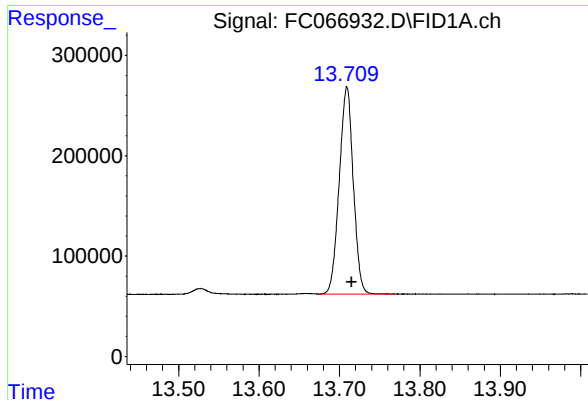
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.006 min
Response: 2532853
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

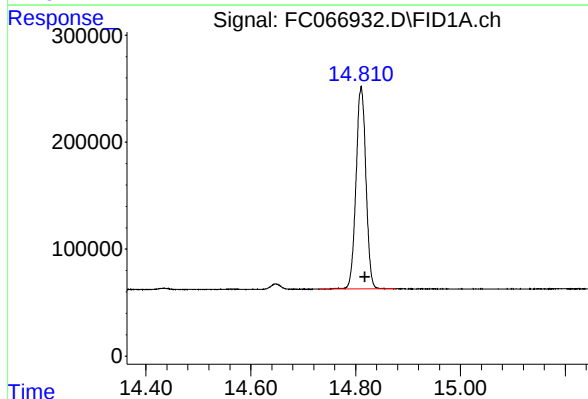
R.T.: 12.955 min
Delta R.T.: -0.006 min
Response: 2155653
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

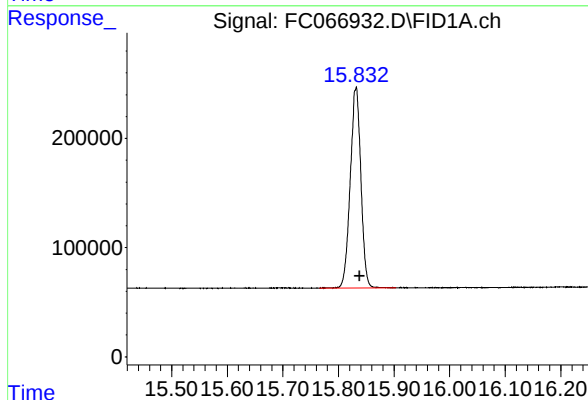
R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 2506592
Conc: 18.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



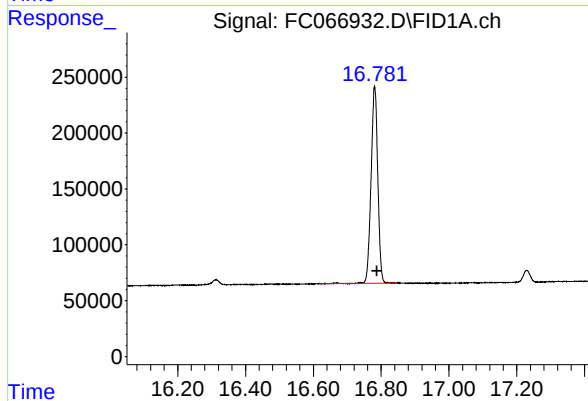
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2486233
Conc: 18.69 ug/ml



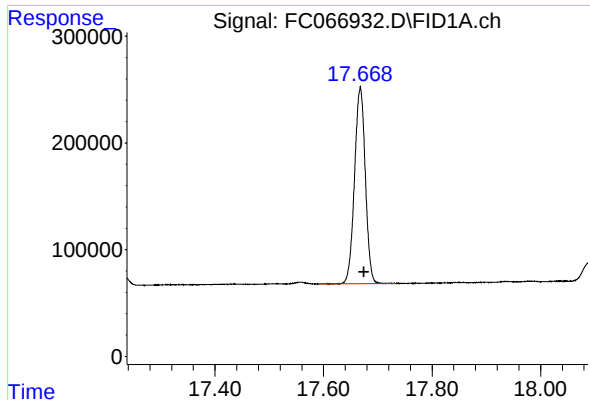
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.007 min
Response: 2433433
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

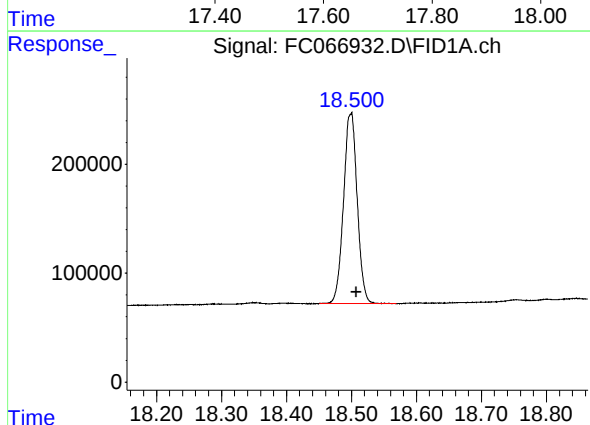
R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 2419034
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

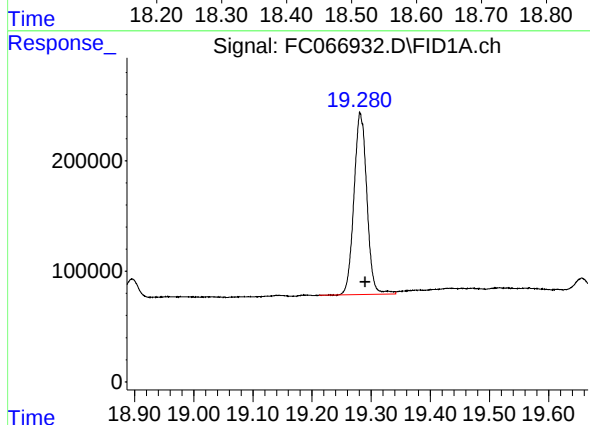
R.T.: 17.668 min
Delta R.T.: -0.007 min
Response: 2545029
Conc: 19.79 ug/ml

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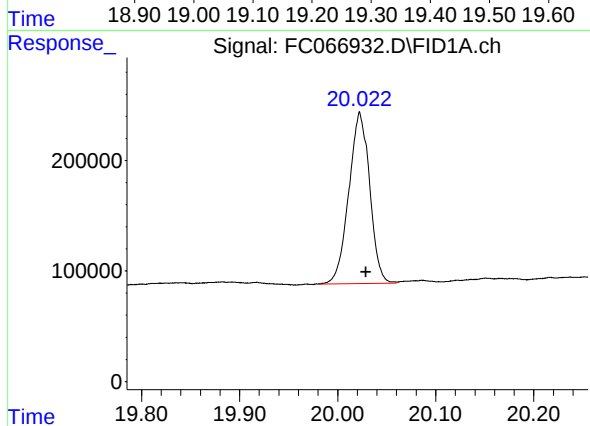
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.008 min
Response: 2559672
Conc: 20.33 ug/ml



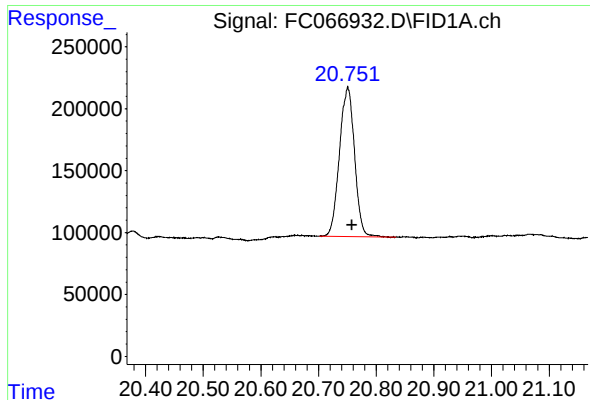
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.008 min
Response: 2493906
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

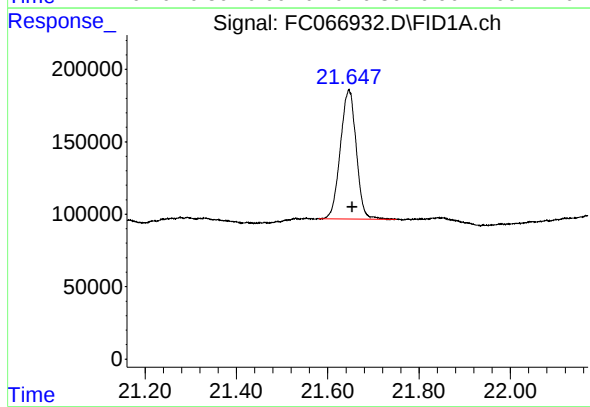
R.T.: 20.023 min
Delta R.T.: -0.006 min
Response: 2288883
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.008 min
Response: 2193127
Conc: 19.74 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: -0.008 min
Response: 2144684
Conc: 19.73 ug/ml