

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111424AL\
 Data File : FC067767.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 05:34
 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 15 06:10:24 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)	11.489	3835612	19.784 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	12.927	2850002	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.271	3237347	19.847 ug/ml
2) T n-Decane (C10)	4.333	3309333	19.956 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3679078	20.087 ug/ml
4) T n-Dodecane (C12)	6.349	3387679	20.114 ug/ml
5) T A~2-methylnaphthalene...	6.965	3587741	20.229 ug/ml
6) T n-Tetradecane (C14)	8.140	3385800	20.217 ug/ml
7) T n-Hexadecane (C16)	9.738	3498808	20.190 ug/ml
8) T n-Octadecane (C18)	11.178	3517722	19.994 ug/ml
10) T n-Eicosane (C20)	12.485	3334161	19.801 ug/ml
11) T n-Heneicosane (C21)	13.096	3237653	19.677 ug/ml
13) T n-Docosane (C22)	13.681	3172470	19.481 ug/ml
14) T n-Tetracosane (C24)	14.784	3062729	19.096 ug/ml
15) T n-Hexacosane (C26)	15.802	2922476	18.872 ug/ml
16) T n-Octacosane (C28)	16.750	2792167	18.488 ug/ml
17) T n-Tricontane (C30)	17.638	2731216	17.838 ug/ml
18) T n-Dotriacontane (C32)	18.468	2569589	17.398 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2281716	18.090 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1926657	18.422 ug/ml
21) T n-Octatriacontane (C38)	20.710	1871527	19.159 ug/ml
22) T n-Tetracontane (C40)	21.593	1823168	18.706 ug/ml

(f)=RT Delta > 1/2 Window

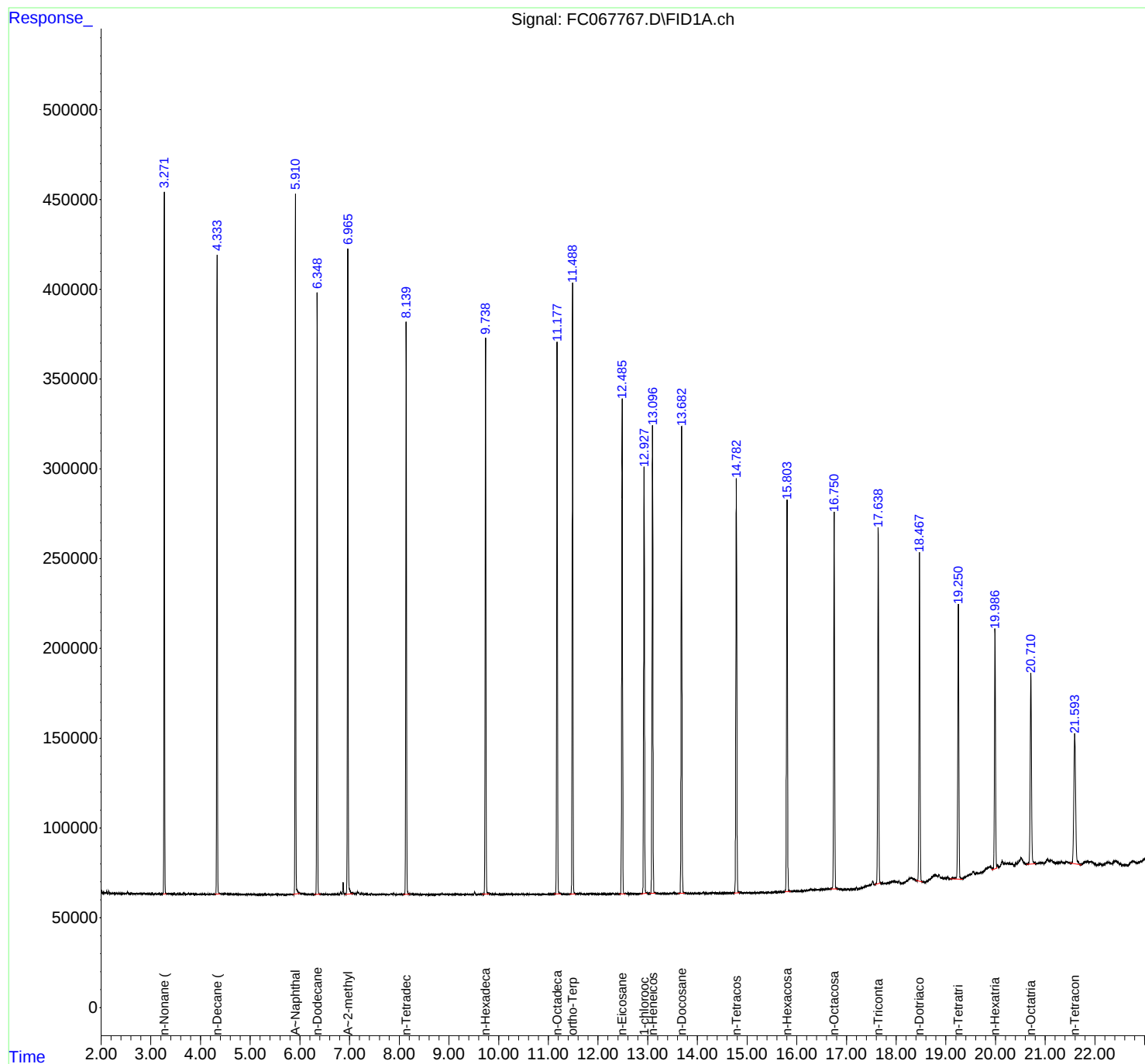
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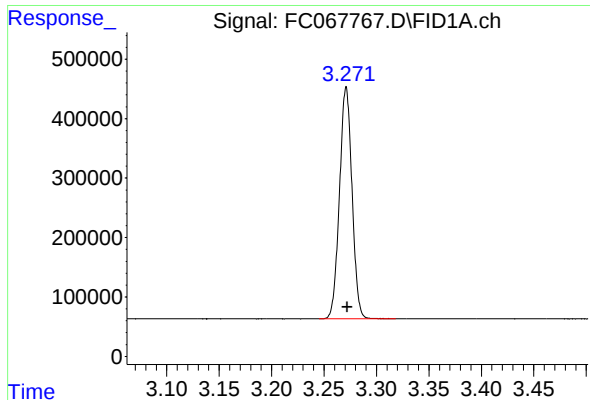
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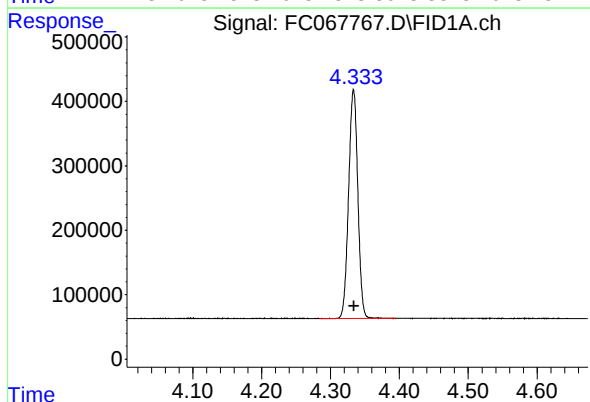




#1 n-Nonane (C9)

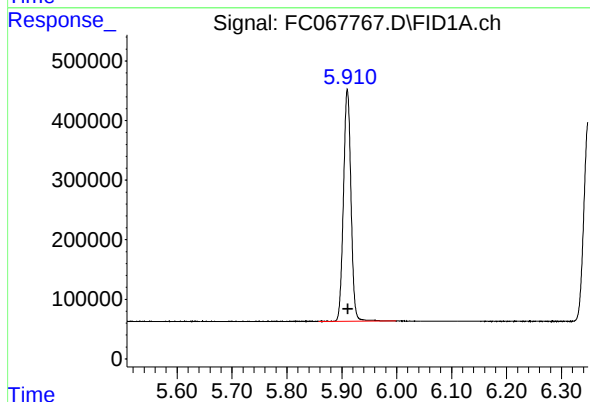
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 3237347
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



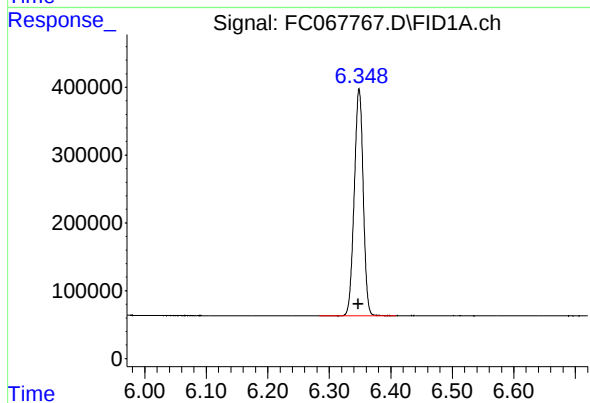
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 3309333
Conc: 19.96 ug/ml



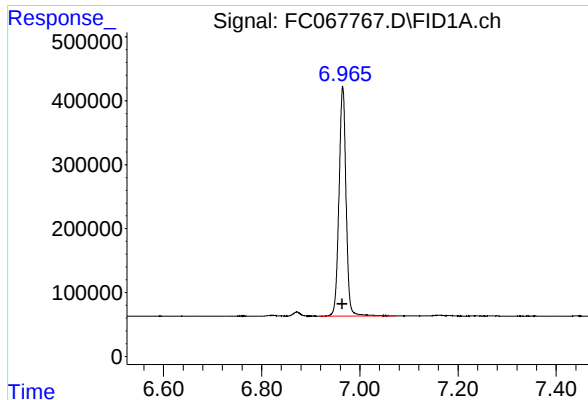
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3679078
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

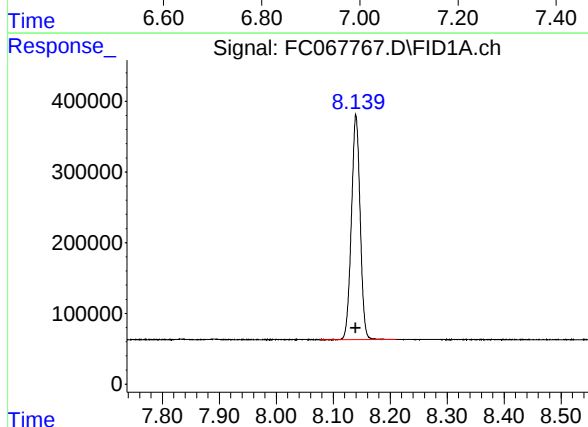
R.T.: 6.349 min
Delta R.T.: 0.001 min
Response: 3387679
Conc: 20.11 ug/ml



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

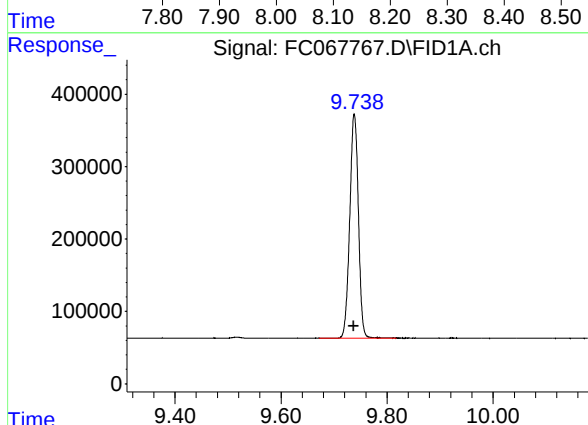
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3587741
Conc: 20.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



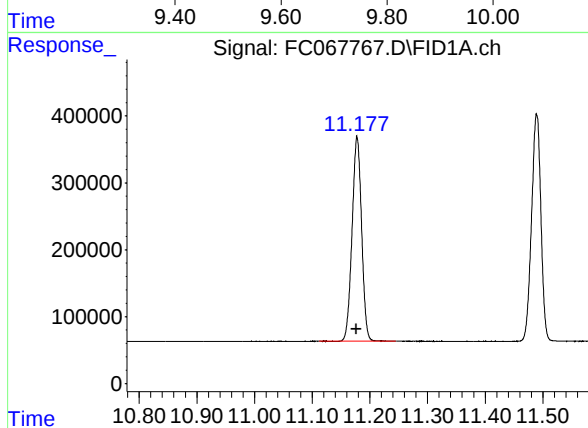
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 3385800
Conc: 20.22 ug/ml



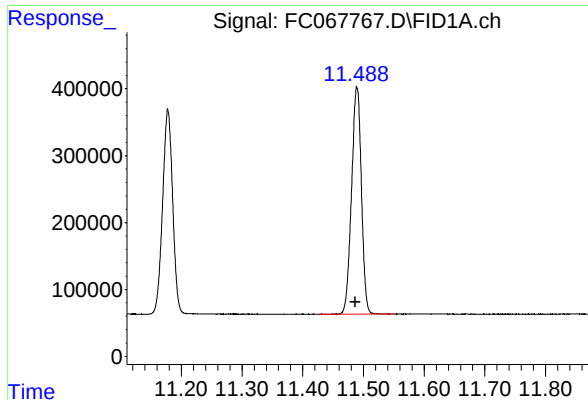
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.001 min
Response: 3498808
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

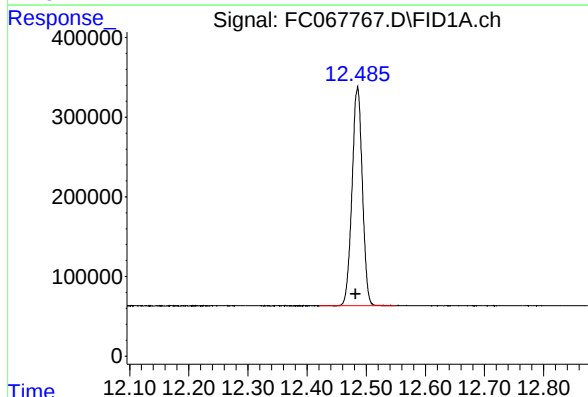
R.T.: 11.178 min
Delta R.T.: 0.002 min
Response: 3517722
Conc: 19.99 ug/ml



#9 ortho-Terphenyl (SURR)

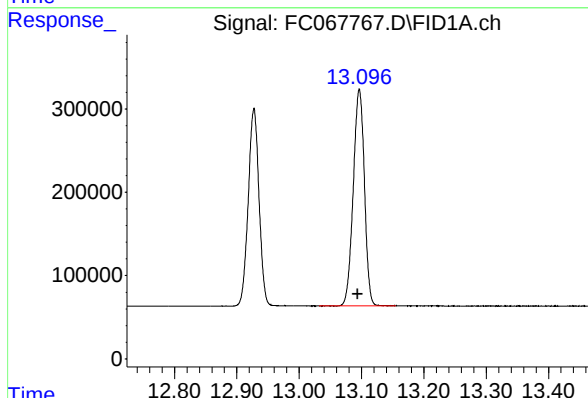
R.T.: 11.489 min
Delta R.T.: 0.003 min
Response: 3835612
Conc: 19.78 ug/ml

Instrument :
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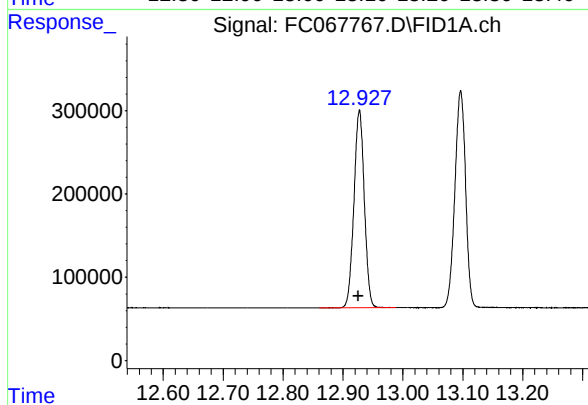
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.003 min
Response: 3334161
Conc: 19.80 ug/ml



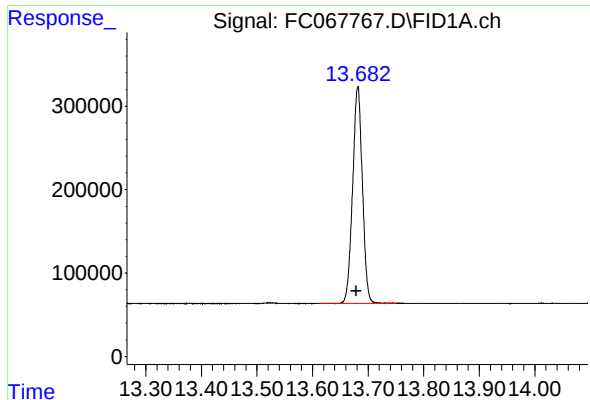
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.003 min
Response: 3237653
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

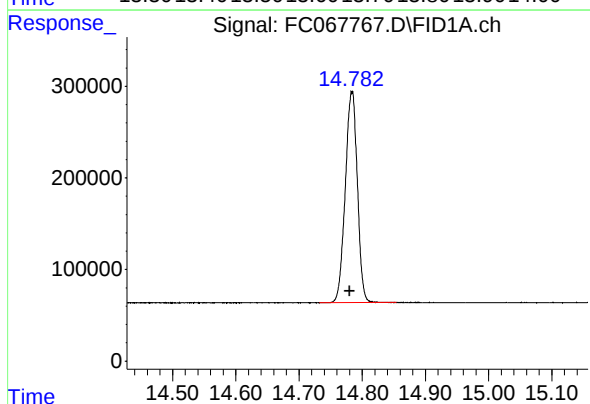
R.T.: 12.927 min
Delta R.T.: 0.002 min
Response: 2850002
Conc: 19.63 ug/ml



#13 n-Docosane (C22)

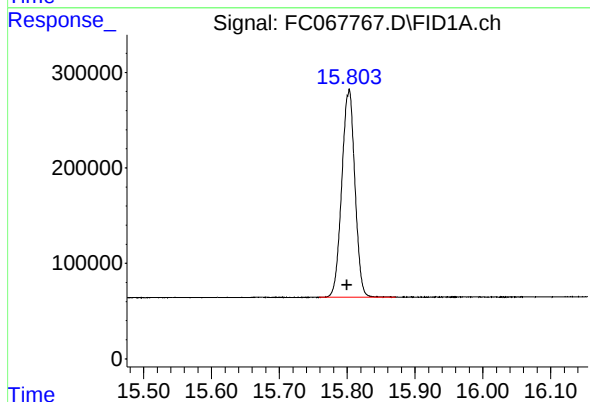
R.T.: 13.681 min
Delta R.T.: 0.003 min
Response: 3172470
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



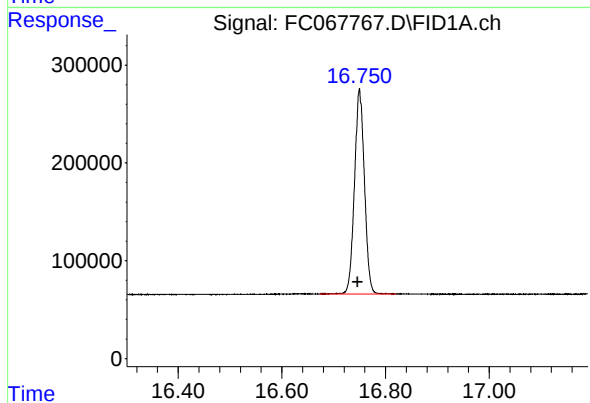
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: 0.004 min
Response: 3062729
Conc: 19.10 ug/ml



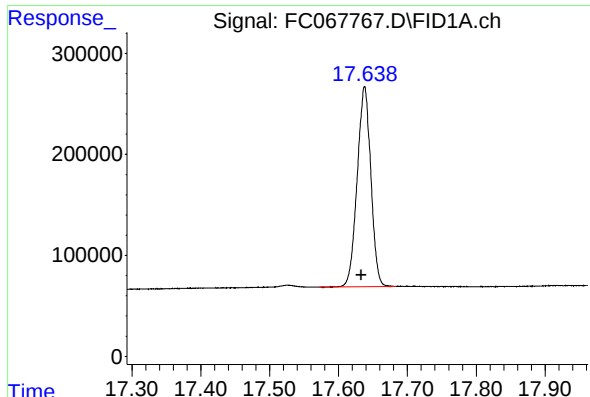
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: 0.003 min
Response: 2922476
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

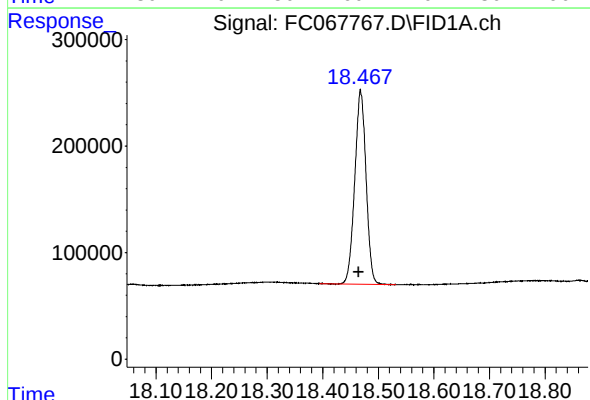
R.T.: 16.750 min
Delta R.T.: 0.003 min
Response: 2792167
Conc: 18.49 ug/ml



#17 n-Tricontane (C30)

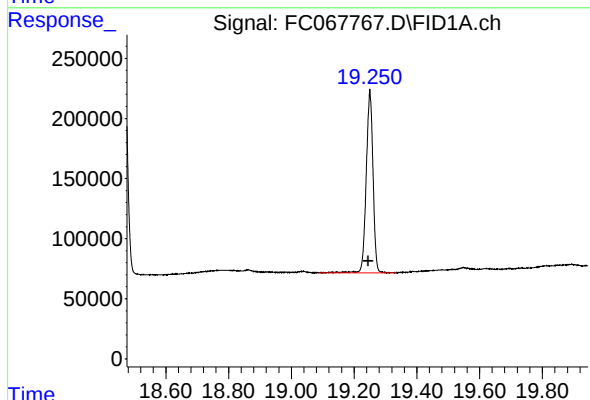
R.T.: 17.638 min
Delta R.T.: 0.005 min
Response: 2731216
Conc: 17.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



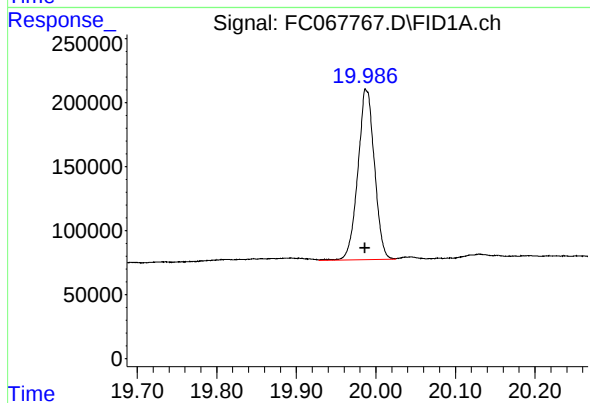
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.003 min
Response: 2569589
Conc: 17.40 ug/ml



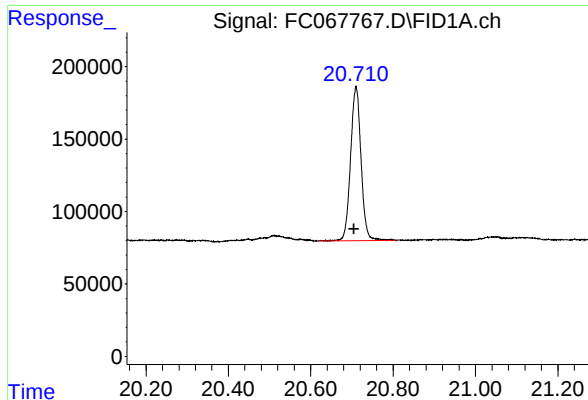
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: 0.005 min
Response: 2281716
Conc: 18.09 ug/ml



#20 n-Hexatriacontane (C36)

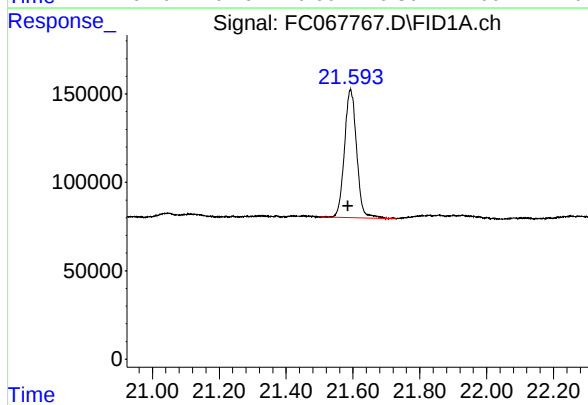
R.T.: 19.988 min
Delta R.T.: 0.002 min
Response: 1926657
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 1871527
Conc: 19.16 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.007 min
Response: 1823168
Conc: 18.71 ug/ml