

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068987.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 20:53
 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: May 23 03:17:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.707	2233628	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.140	1581546	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.441	2001967	19.904 ug/ml
2) T n-Decane (C10)	4.516	1983409	19.905 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2177904	19.752 ug/ml
4) T n-Dodecane (C12)	6.541	1936873	19.931 ug/ml
5) T A~2-methylnaphthalene...	7.171	2117035	19.724 ug/ml
6) T n-Tetradecane (C14)	8.337	1844423	19.956 ug/ml
7) T n-Hexadecane (C16)	9.941	1785412	19.939 ug/ml
8) T n-Octadecane (C18)	11.384	1742840	19.869 ug/ml
10) T n-Eicosane (C20)	12.693	1697508	19.920 ug/ml
11) T n-Heneicosane (C21)	13.306	1682645	19.950 ug/ml
13) T n-Docosane (C22)	13.893	1669512	19.956 ug/ml
14) T n-Tetracosane (C24)	14.997	1671654	20.090 ug/ml
15) T n-Hexacosane (C26)	16.018	1663286	20.075 ug/ml
16) T n-Octacosane (C28)	16.969	1659741	20.083 ug/ml
17) T n-Tricontane (C30)	17.858	1700190	20.094 ug/ml
18) T n-Dotriacontane (C32)	18.691	1734262	20.134 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1704753	20.009 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1708043	19.873 ug/ml
21) T n-Octatriacontane (C38)	20.988	1668874	19.895 ug/ml
22) T n-Tetracontane (C40)	21.964	1629286	19.880 ug/ml

(f)=RT Delta > 1/2 Window

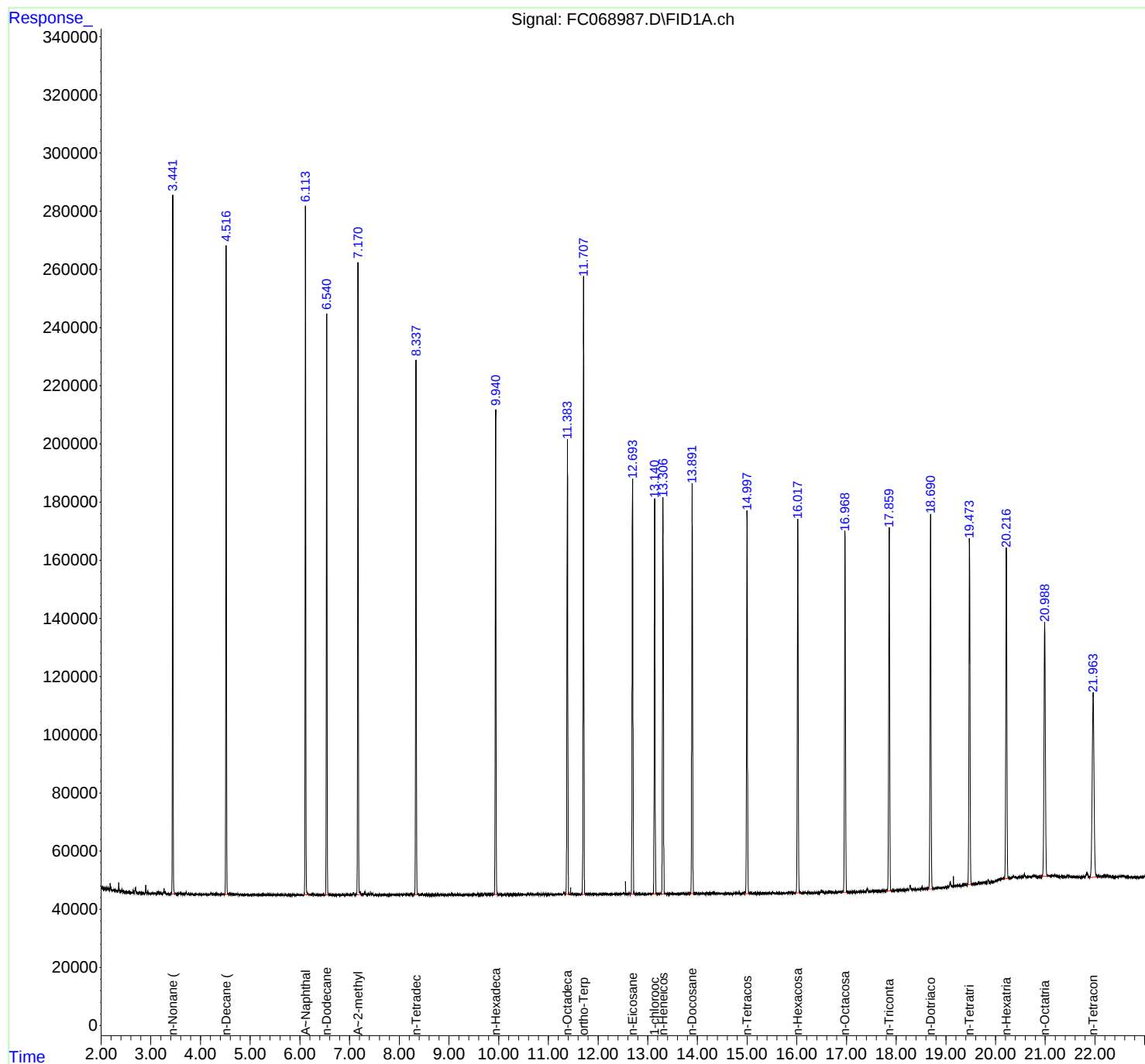
(m)=manual int.

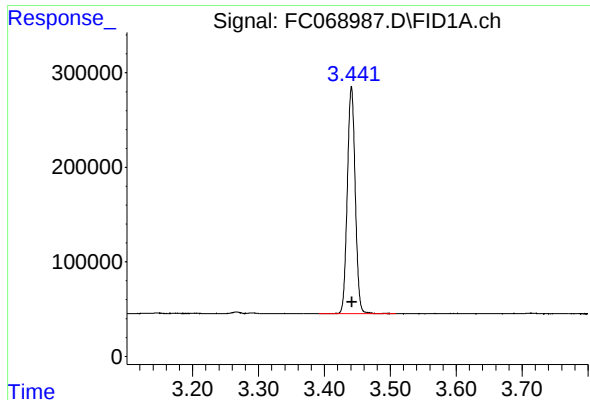
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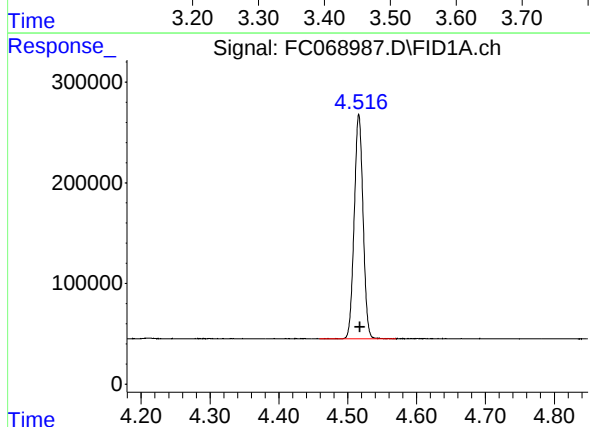




#1 n-Nonane (C9)

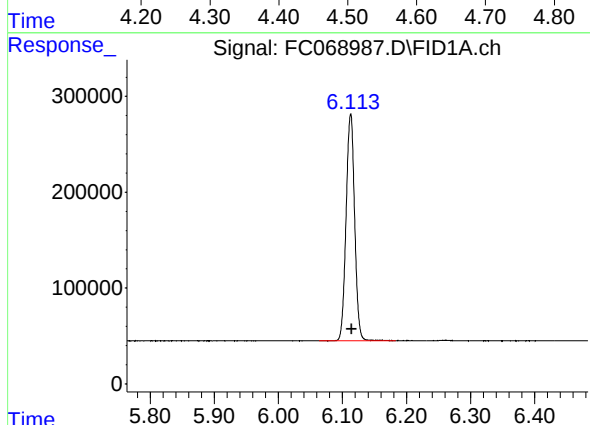
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 2001967
Conc: 19.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



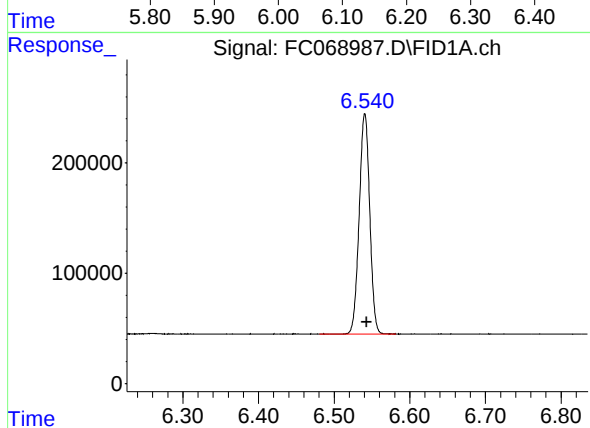
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 1983409
Conc: 19.91 ug/ml



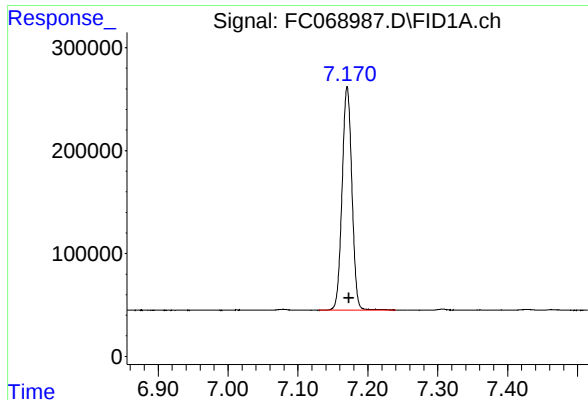
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 2177904
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

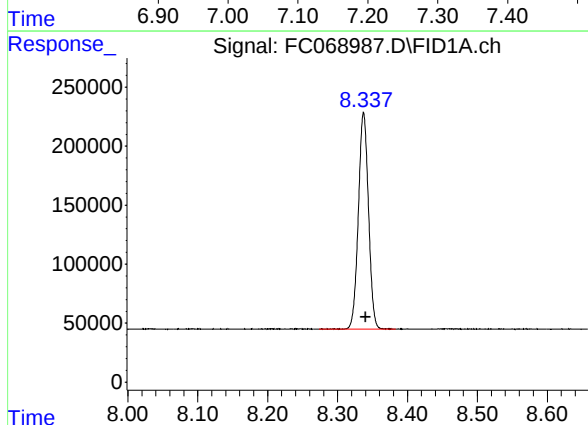
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 1936873
Conc: 19.93 ug/ml



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

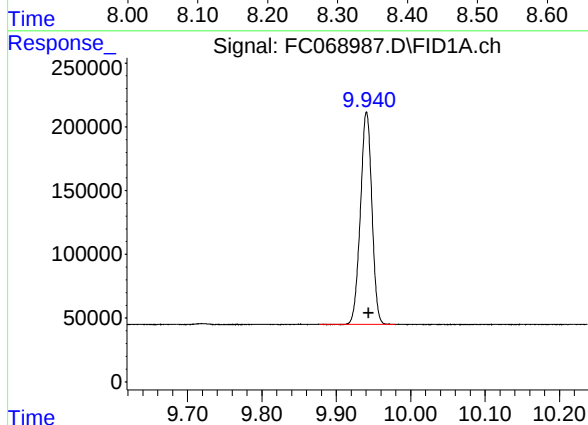
R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 2117035
Conc: 19.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



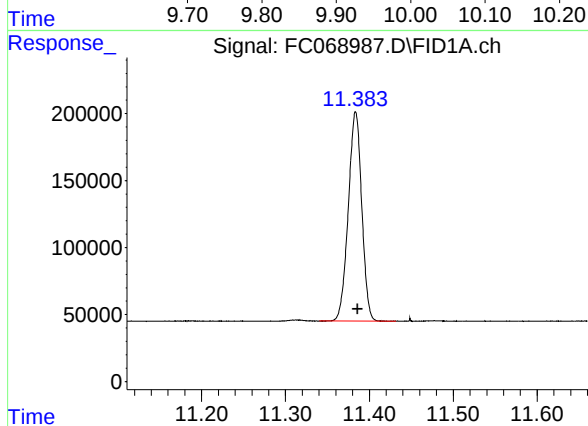
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.003 min
Response: 1844423
Conc: 19.96 ug/ml



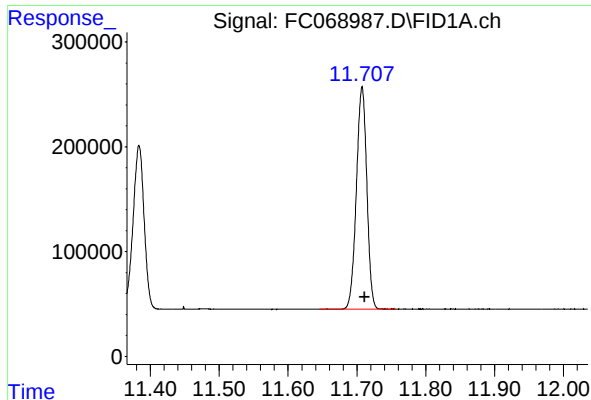
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.003 min
Response: 1785412
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

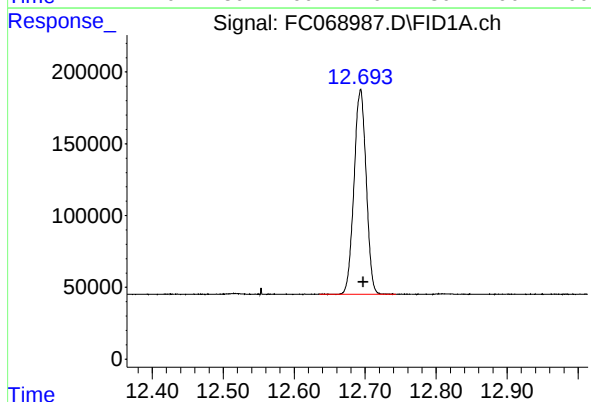
R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 1742840
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

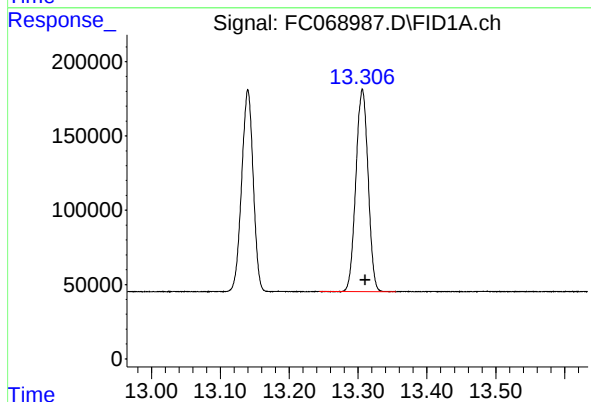
R.T.: 11.707 min
Delta R.T.: -0.003 min
Response: 2233628
Conc: 19.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



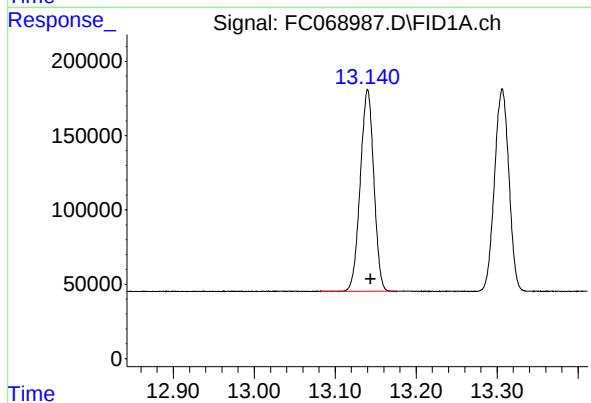
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.004 min
Response: 1697508
Conc: 19.92 ug/ml



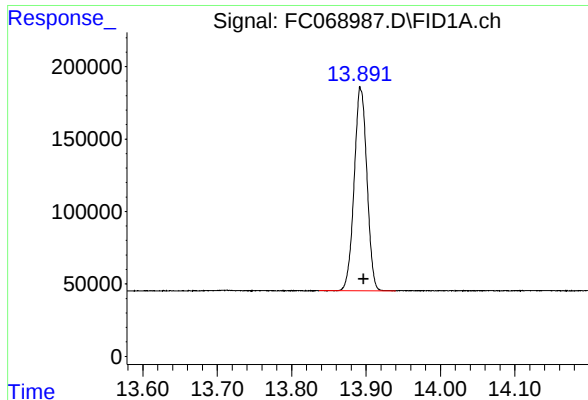
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 1682645
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

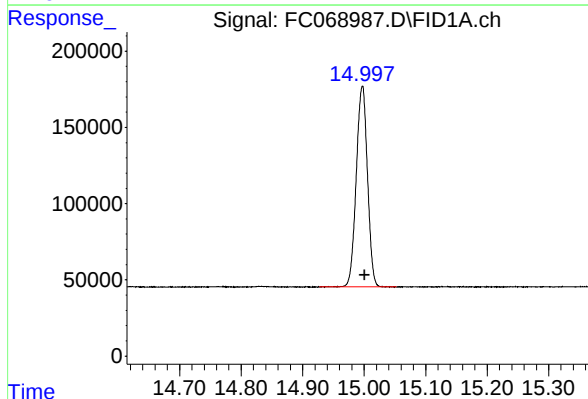
R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 1581546
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

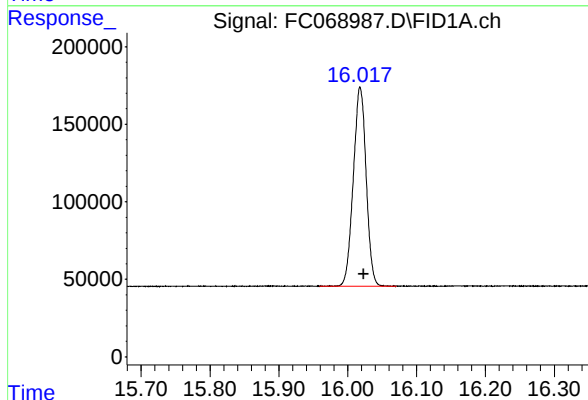
R.T.: 13.893 min
Delta R.T.: -0.004 min
Response: 1669512
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



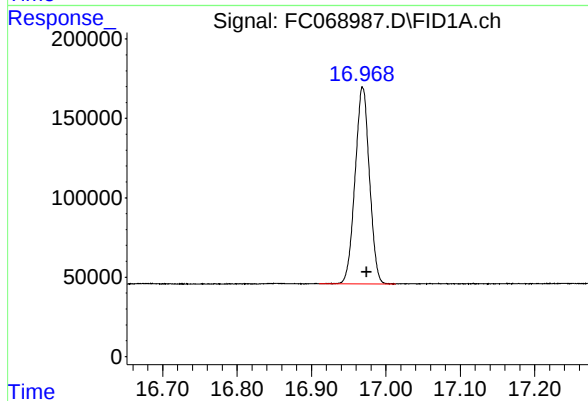
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 1671654
Conc: 20.09 ug/ml



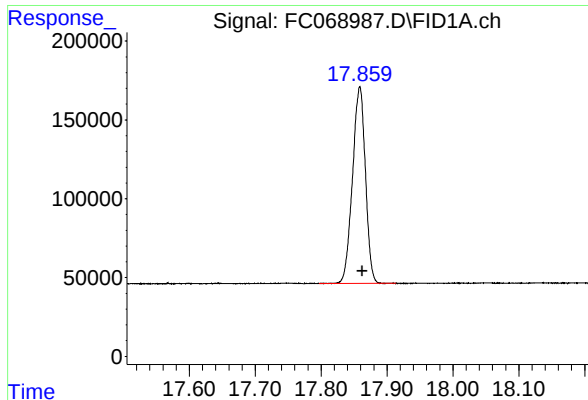
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.005 min
Response: 1663286
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

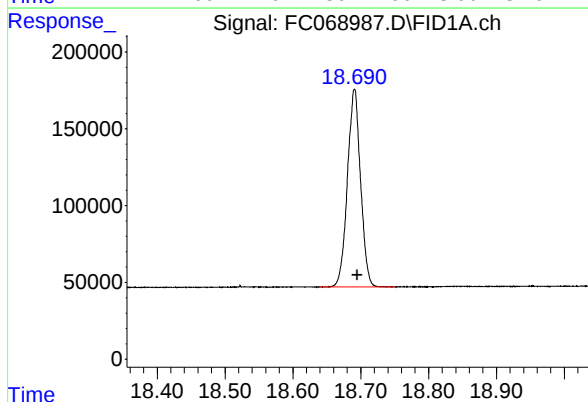
R.T.: 16.969 min
Delta R.T.: -0.005 min
Response: 1659741
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

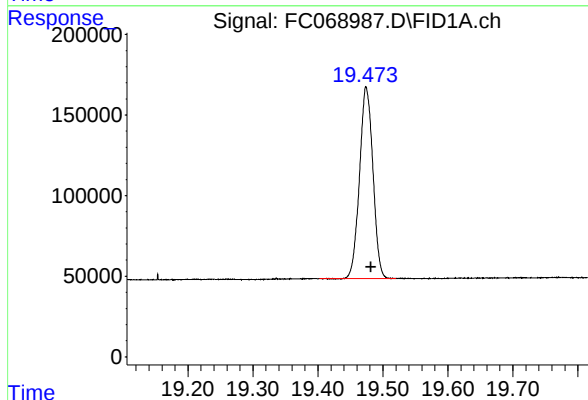
R.T.: 17.858 min
Delta R.T.: -0.004 min
Response: 1700190
Conc: 20.09 ug/ml

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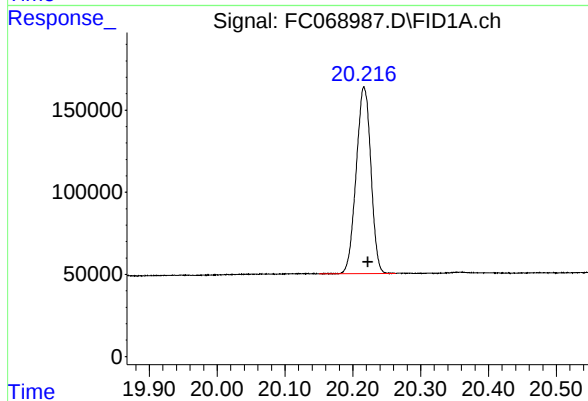
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.005 min
Response: 1734262
Conc: 20.13 ug/ml



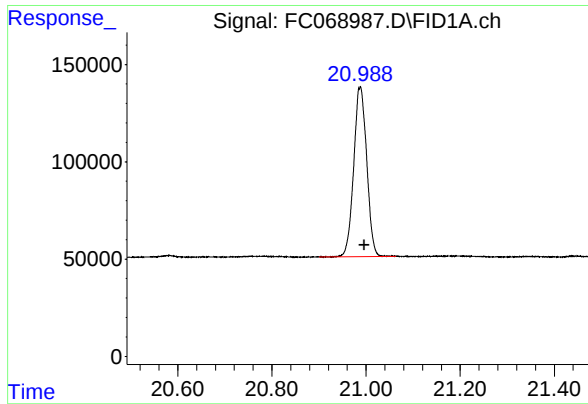
#19 n-Tetatriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.007 min
Response: 1704753
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

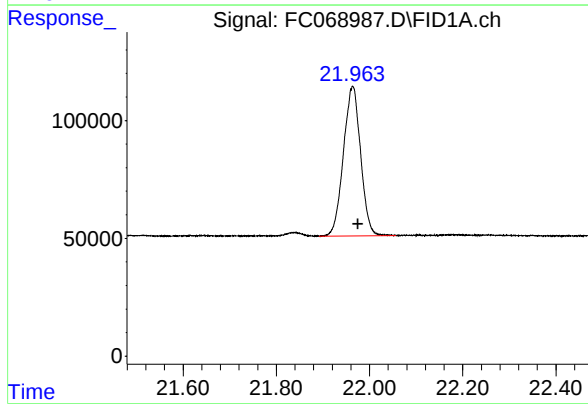
R.T.: 20.217 min
Delta R.T.: -0.006 min
Response: 1708043
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.009 min
Response: 1668874
Conc: 19.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.012 min
Response: 1629286
Conc: 19.88 ug/ml