

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068927.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2025 08:53
 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 20 09:34:55 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	2105319	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.140	1553911	19.369 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.442	1765210	17.550 ug/ml
2) T n-Decane (C10)	4.516	1831054	18.376 ug/ml
3) T A~Naphthalene (C11.7)	6.113	1952571	17.708 ug/ml
4) T n-Dodecane (C12)	6.540	1820237	18.731 ug/ml
5) T A~2-methylnaphthalene...	7.171	1917684	17.867 ug/ml
6) T n-Tetradecane (C14)	8.338	1775455	19.210 ug/ml
7) T n-Hexadecane (C16)	9.940	1763948	19.699 ug/ml
8) T n-Octadecane (C18)	11.383	1737694	19.810 ug/ml
10) T n-Eicosane (C20)	12.693	1688180	19.810 ug/ml
11) T n-Heneicosane (C21)	13.305	1660993	19.693 ug/ml
13) T n-Docosane (C22)	13.892	1653642	19.767 ug/ml
14) T n-Tetracosane (C24)	14.996	1656852	19.912 ug/ml
15) T n-Hexacosane (C26)	16.017	1659795	20.033 ug/ml
16) T n-Octacosane (C28)	16.969	1786576	21.617 ug/ml
17) T n-Tricontane (C30)	17.858	2072855	24.498 ug/ml
18) T n-Dotriacontane (C32)	18.691	2187229	25.393 ug/ml
19) T n-Tetratriacontane (C34)	19.474	2030284	23.830 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1892338	22.017 ug/ml
21) T n-Octatriacontane (C38)	20.986	1783748	21.265 ug/ml
22) T n-Tetracontane (C40)	21.962	1724955	21.047 ug/ml

(f)=RT Delta > 1/2 Window

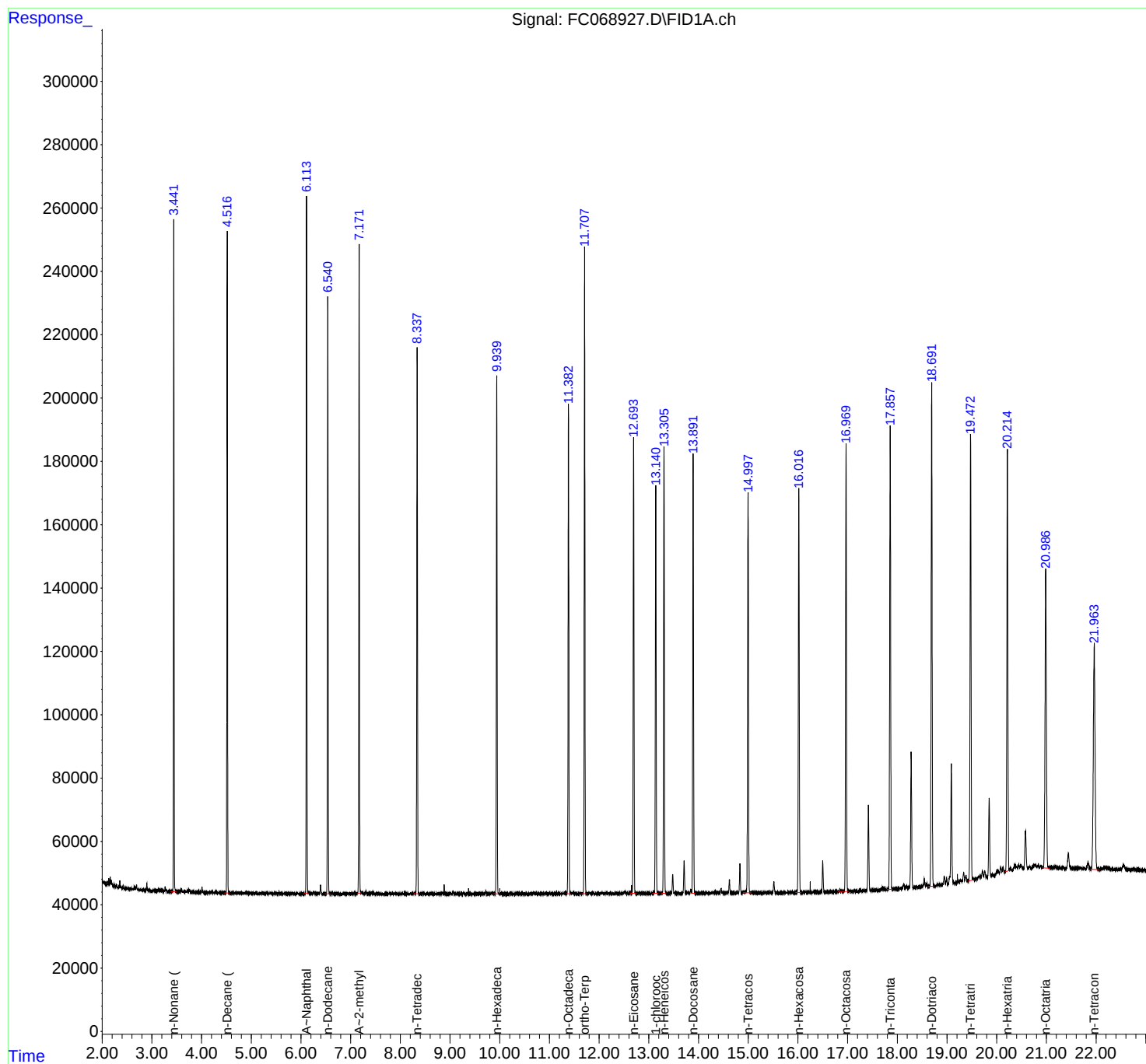
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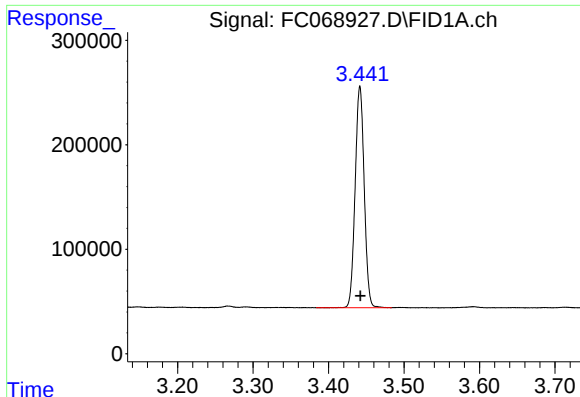
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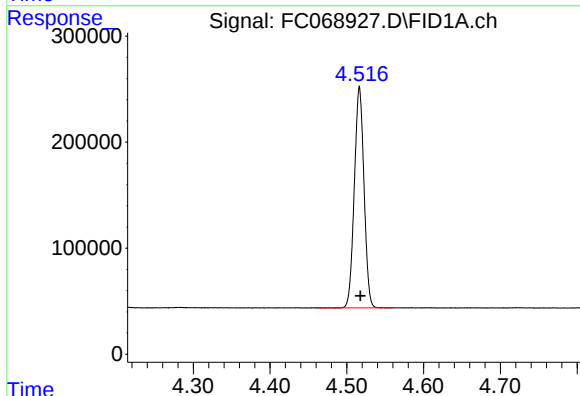




#1 n-Nonane (C9)

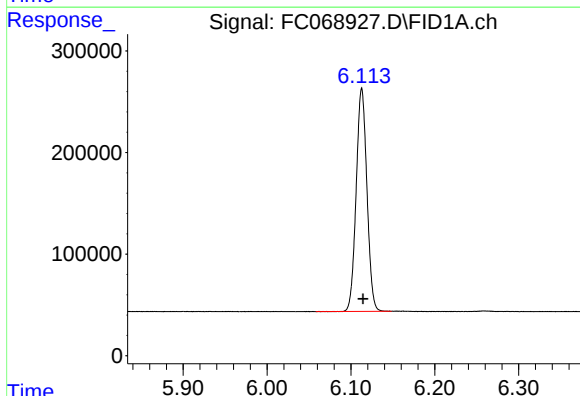
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1765210
Conc: 17.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



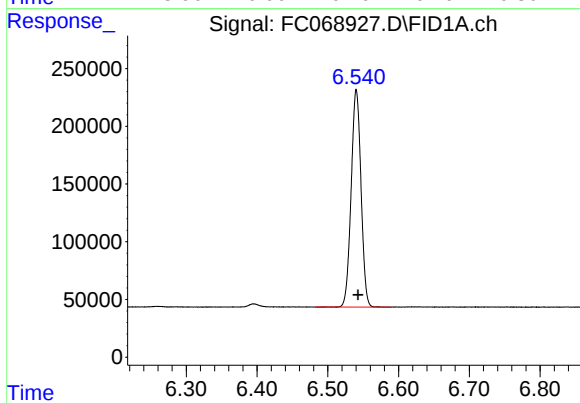
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 1831054
Conc: 18.38 ug/ml



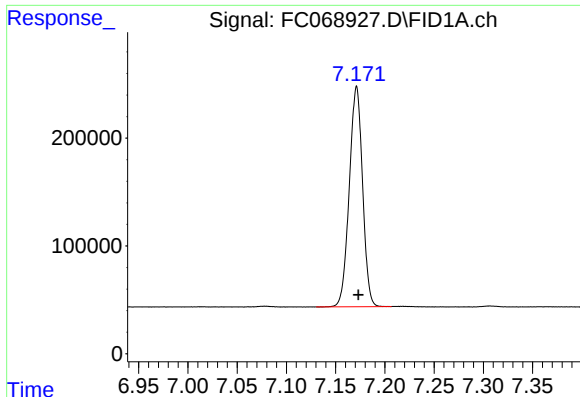
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 1952571
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

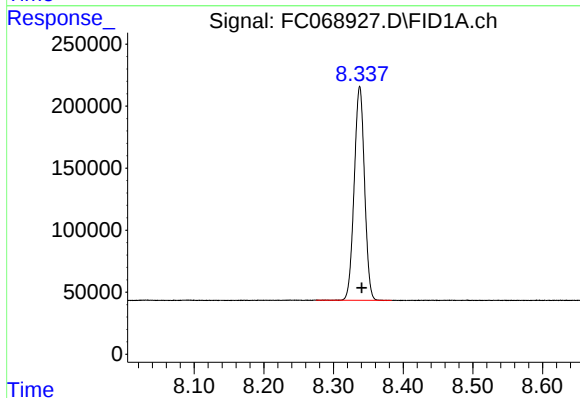
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 1820237
Conc: 18.73 ug/ml



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

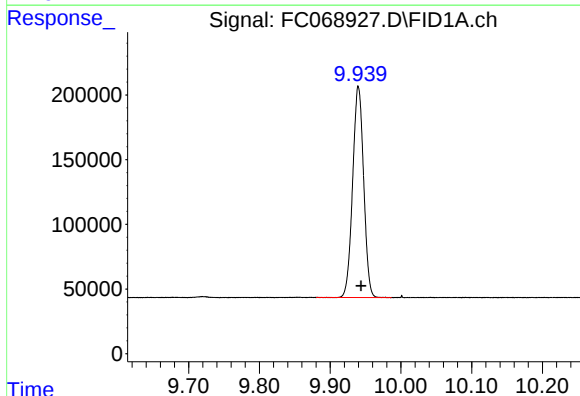
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 1917684
Conc: 17.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



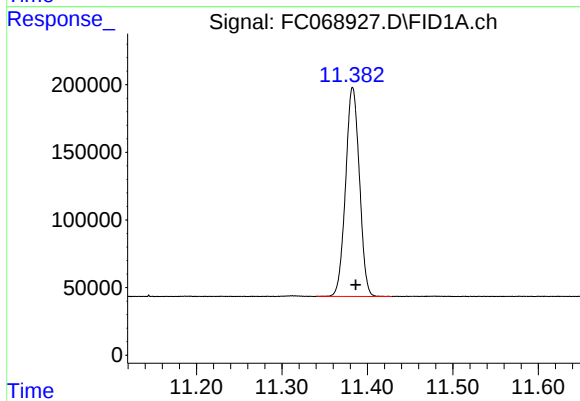
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.003 min
Response: 1775455
Conc: 19.21 ug/ml



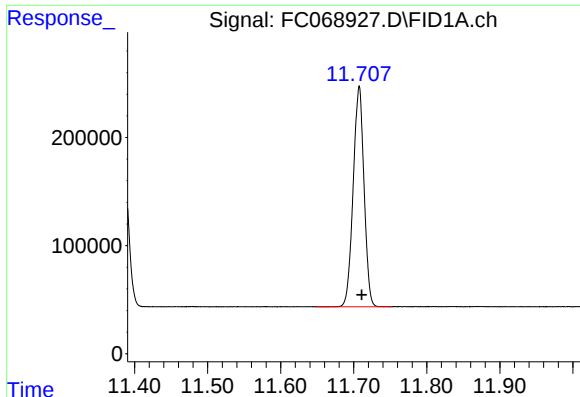
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.004 min
Response: 1763948
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

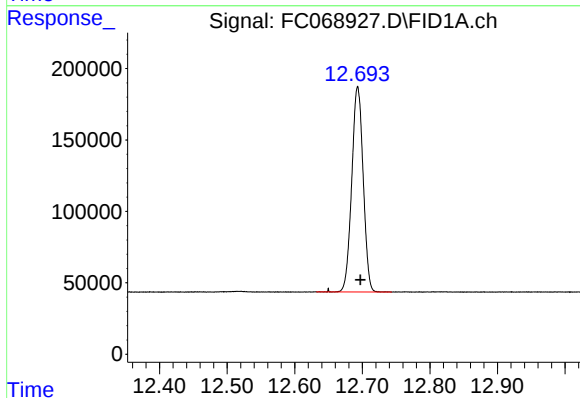
R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 1737694
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

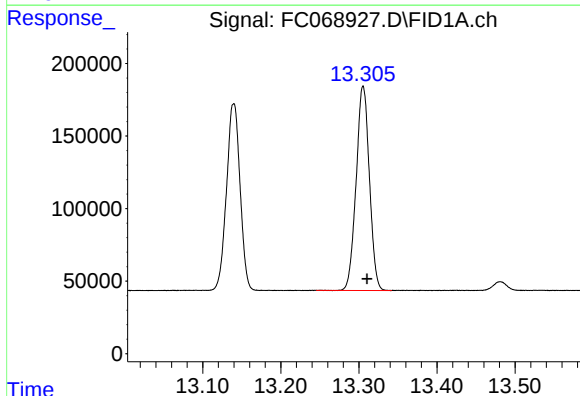
R.T.: 11.707 min
Delta R.T.: -0.004 min
Response: 2105319
Conc: 18.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



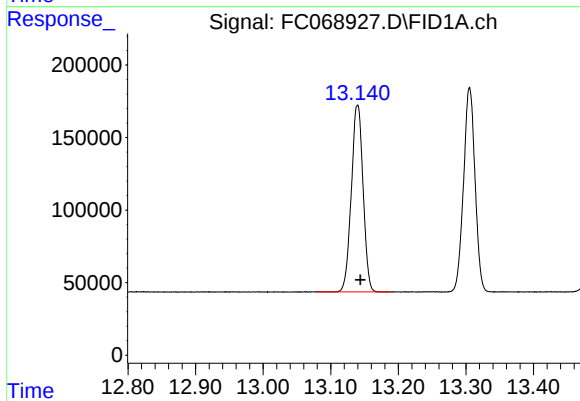
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.004 min
Response: 1688180
Conc: 19.81 ug/ml



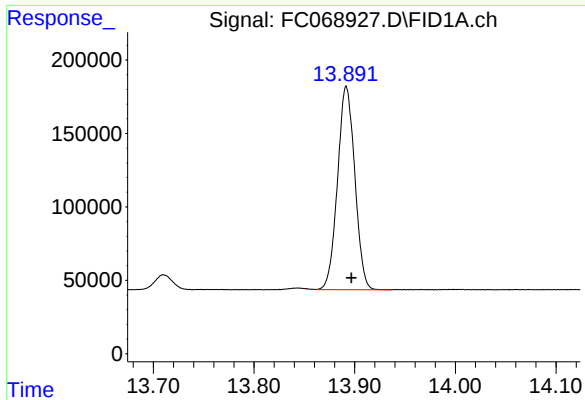
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.005 min
Response: 1660993
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

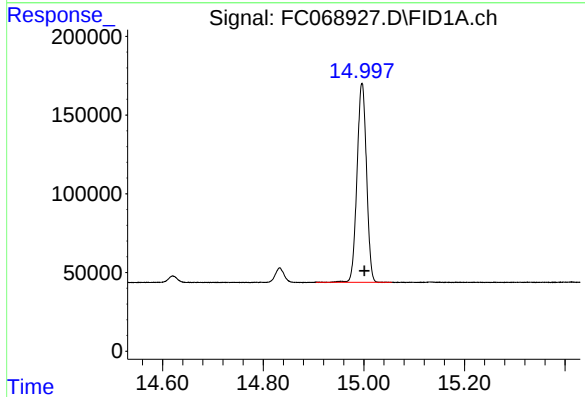
R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 1553911
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

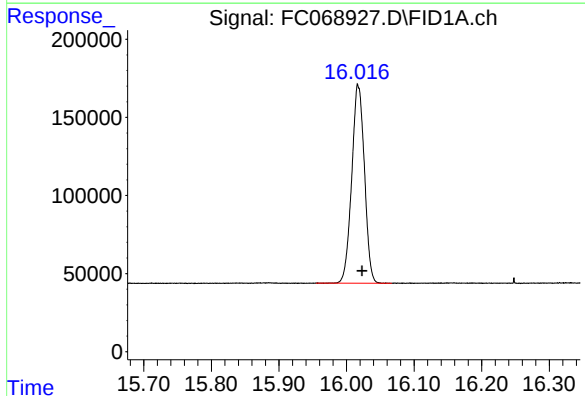
R.T.: 13.892 min
Delta R.T.: -0.005 min
Response: 1653642
Conc: 19.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



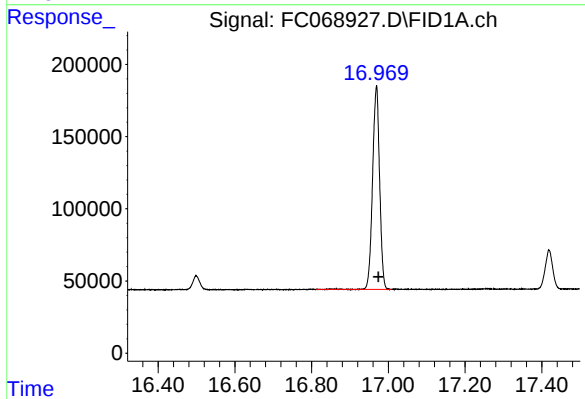
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.004 min
Response: 1656852
Conc: 19.91 ug/ml



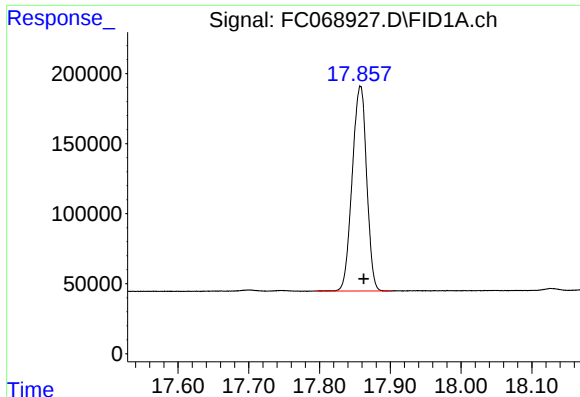
#15 n-Hexacosane (C26)

R.T.: 16.017 min
Delta R.T.: -0.006 min
Response: 1659795
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

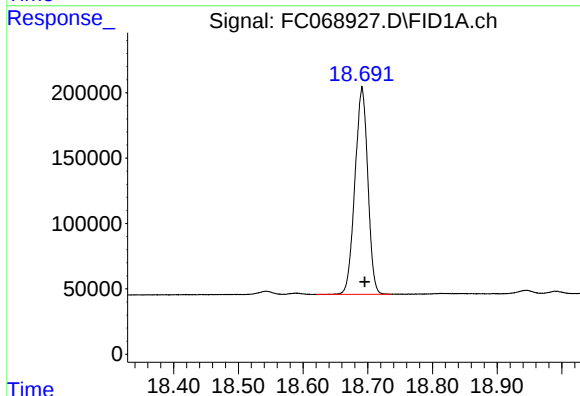
R.T.: 16.969 min
Delta R.T.: -0.005 min
Response: 1786576
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

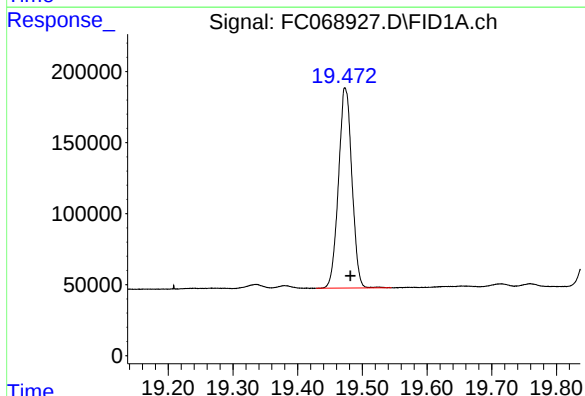
R.T.: 17.858 min
Delta R.T.: -0.005 min
Response: 2072855
Conc: 24.50 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



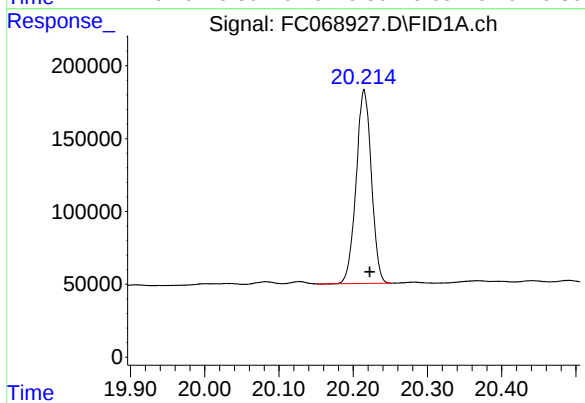
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 2187229
Conc: 25.39 ug/ml



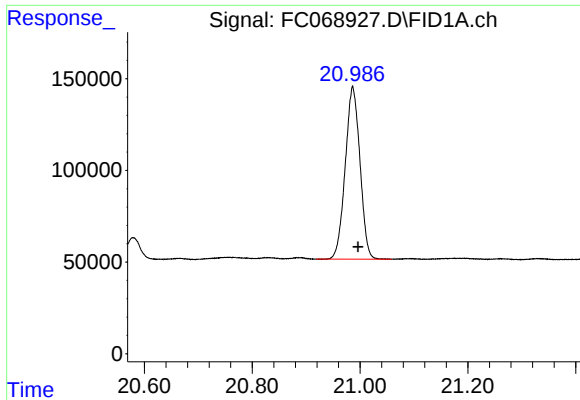
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: -0.008 min
Response: 2030284
Conc: 23.83 ug/ml



#20 n-Hexatriacontane (C36)

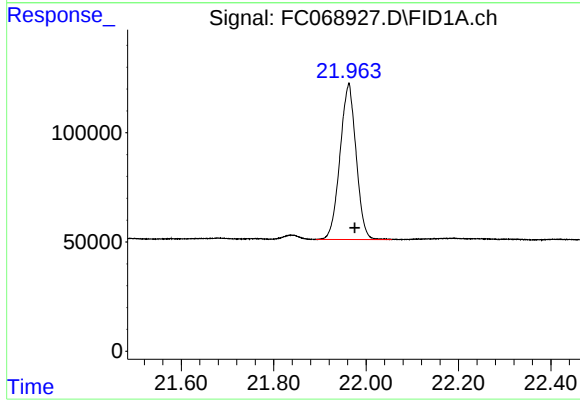
R.T.: 20.215 min
Delta R.T.: -0.008 min
Response: 1892338
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.010 min
Response: 1783748
Conc: 21.26 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.013 min
Response: 1724955
Conc: 21.05 ug/ml