

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016433.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 28 12:19:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.077	2636946	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.522	2007356	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.394	2250558	19.894 ug/ml
2) T n-Decane (C10)	4.656	2288873	19.884 ug/ml
3) T A~Naphthalene (C11.7)	6.376	2487775	20.034 ug/ml
4) T n-Dodecane (C12)	6.838	2309255	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.480	2394760	20.076 ug/ml
6) T n-Tetradecane (C14)	8.678	2297738	19.914 ug/ml
7) T n-Hexadecane (C16)	10.298	2374028	19.889 ug/ml
8) T n-Octadecane (C18)	11.752	2404253	19.898 ug/ml
10) T n-Eicosane (C20)	13.072	2318928	19.878 ug/ml
11) T n-Heneicosane (C21)	13.688	2286955	19.897 ug/ml
13) T n-Docosane (C22)	14.280	2275641	19.917 ug/ml
14) T n-Tetracosane (C24)	15.391	2266968	19.930 ug/ml
15) T n-Hexacosane (C26)	16.420	2213541	19.935 ug/ml
16) T n-Octacosane (C28)	17.377	2152761	19.913 ug/ml
17) T n-Tricontane (C30)	18.270	2177192	19.934 ug/ml
18) T n-Dotriacontane (C32)	19.109	2097050	19.946 ug/ml
19) T n-Tetratriacontane (C34)	19.897	1916299	19.955 ug/ml
20) T n-Hexatriacontane (C36)	20.642	1666053	19.923 ug/ml
21) T n-Octatriacontane (C38)	21.427	1525368	19.811 ug/ml
22) T n-Tetracontane (C40)	22.429	1460690	19.661 ug/ml

(f)=RT Delta > 1/2 Window

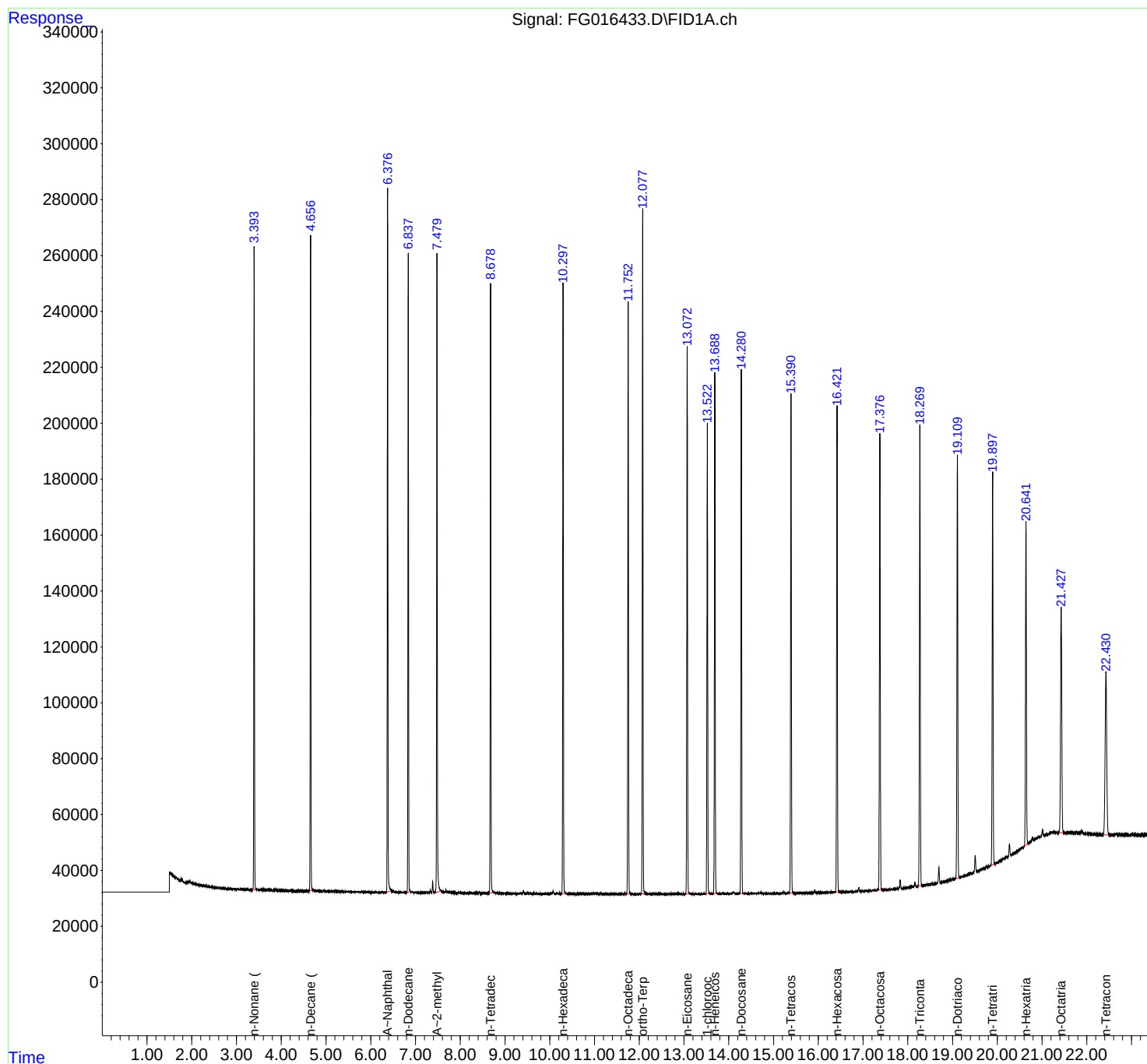
(m)=manual int.

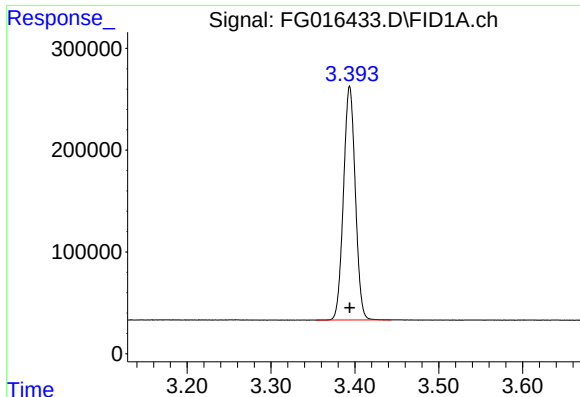
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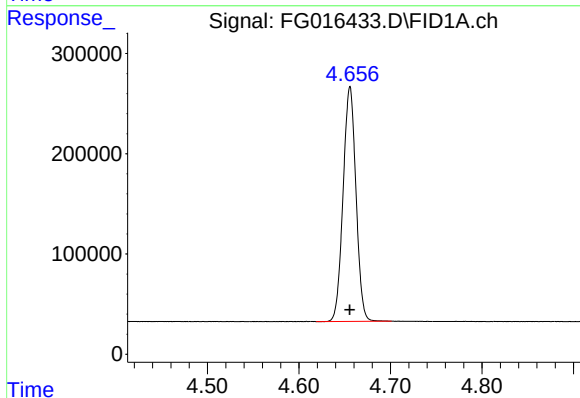




#1 n-Nonane (C9)

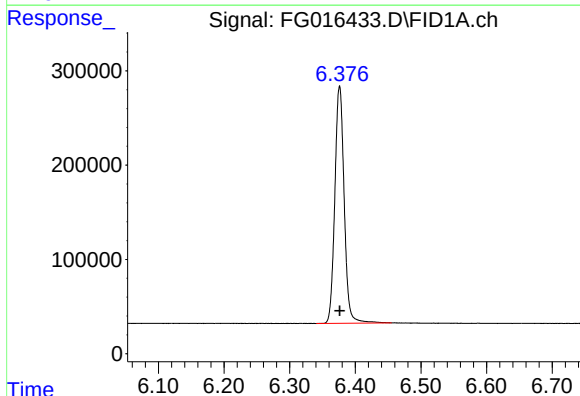
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 2250558
Conc: 19.89 ug/ml

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20 PPM ALIPHATIC HC STD ICV



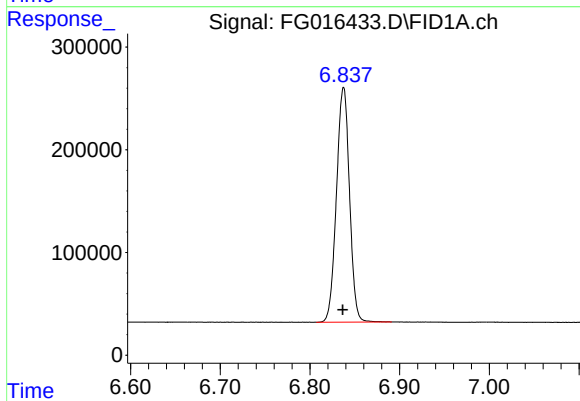
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2288873
Conc: 19.88 ug/ml



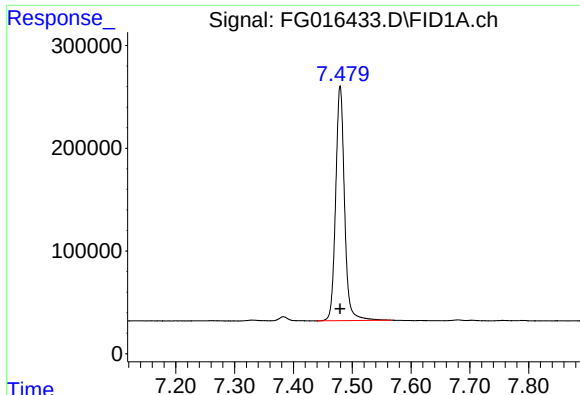
#3 A~Naphthalene (C11.7)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 2487775
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 2309255
Conc: 19.91 ug/ml



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

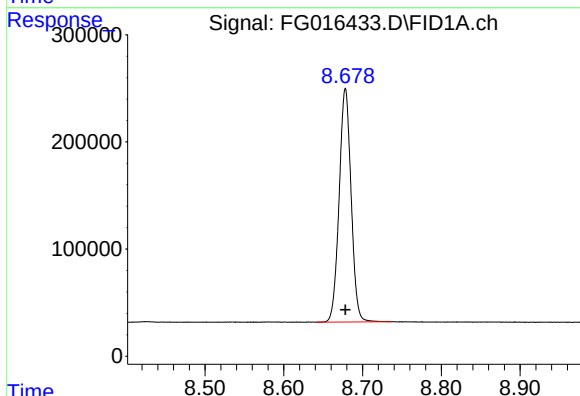
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 2394760
Conc: 20.08 ug/ml

Instrument :

FID_G

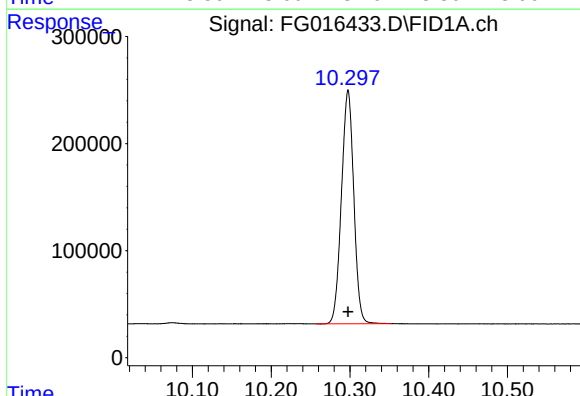
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



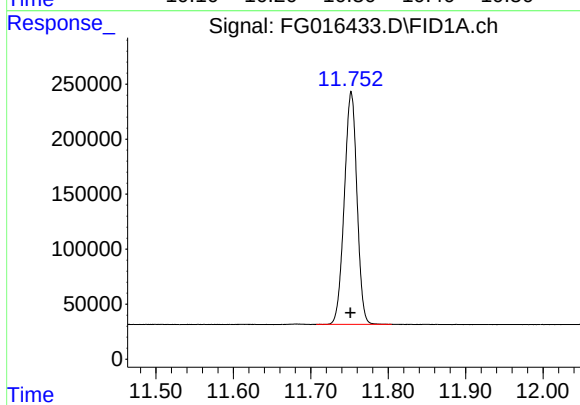
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2297738
Conc: 19.91 ug/ml



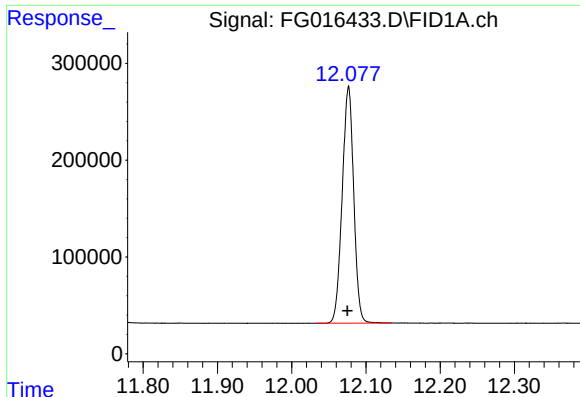
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 2374028
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

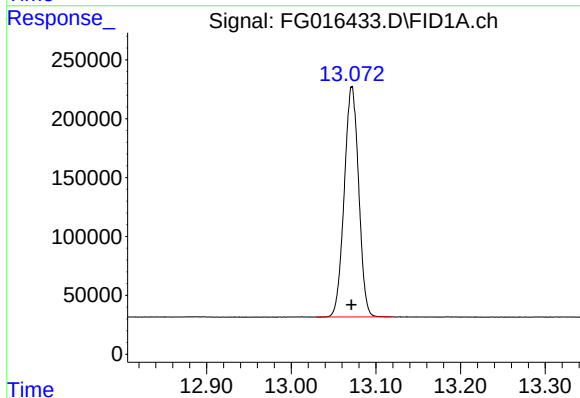
R.T.: 11.752 min
Delta R.T.: 0.000 min
Response: 2404253
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

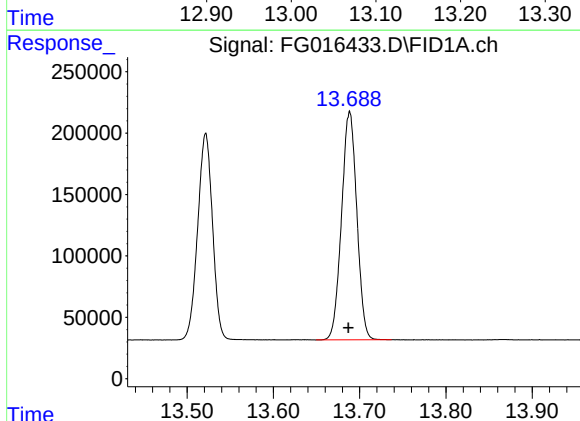
R.T.: 12.077 min
Delta R.T.: 0.002 min
Response: 2636946
Conc: 19.92 ug/ml

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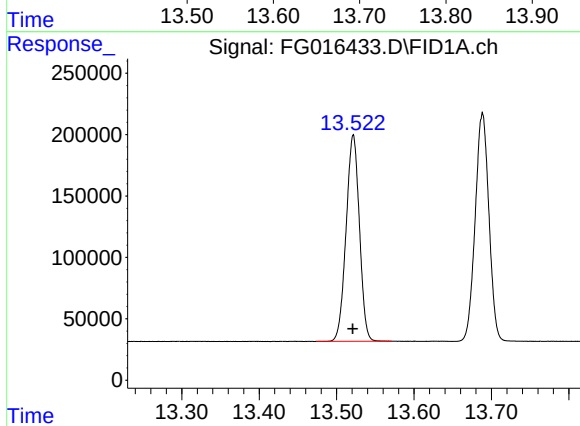
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2318928
Conc: 19.88 ug/ml



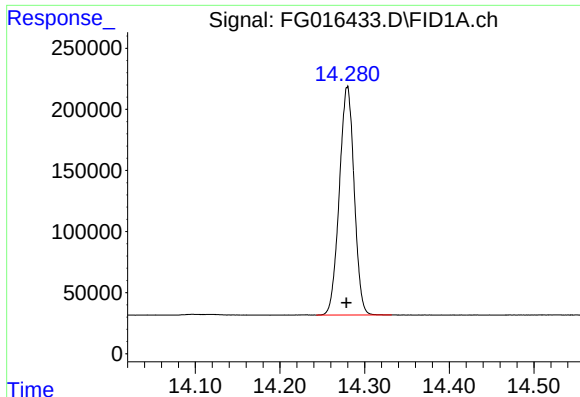
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 2286955
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2007356
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

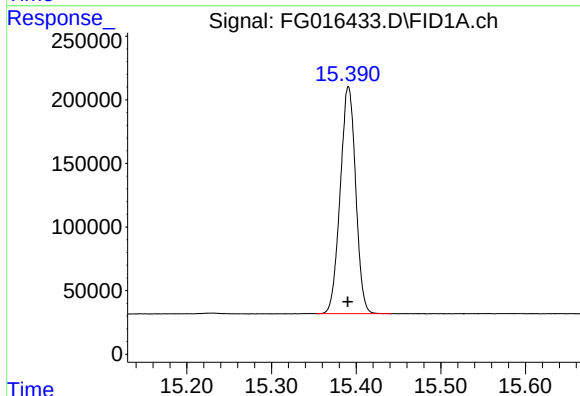
R.T.: 14.280 min
Delta R.T.: 0.001 min
Response: 2275641
Conc: 19.92 ug/ml

Instrument :

FID_G

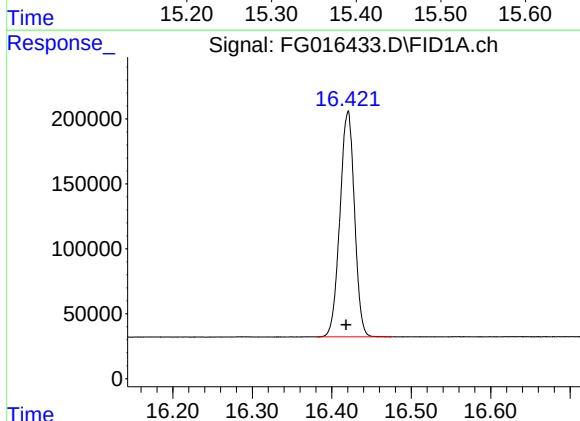
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



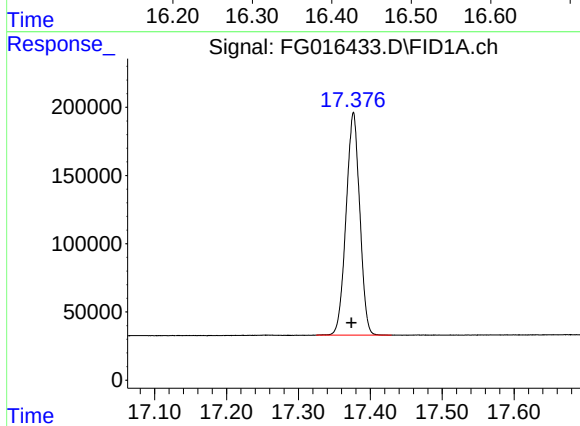
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.000 min
Response: 2266968
Conc: 19.93 ug/ml



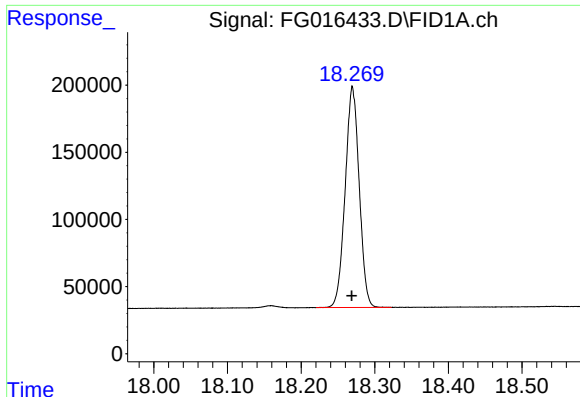
#15 n-Hexacosane (C26)

R.T.: 16.420 min
Delta R.T.: 0.003 min
Response: 2213541
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.377 min
Delta R.T.: 0.003 min
Response: 2152761
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

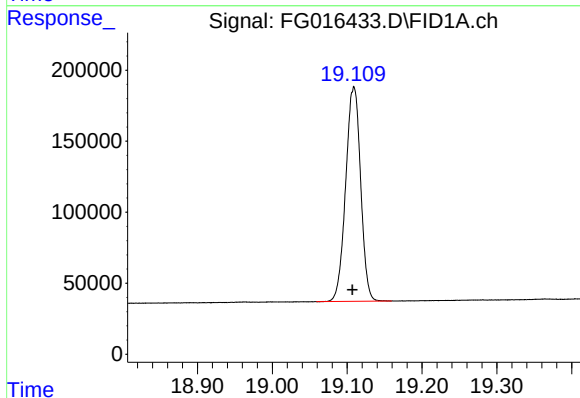
R.T.: 18.270 min
Delta R.T.: 0.000 min
Response: 2177192
Conc: 19.93 ug/ml

Instrument :

FID_G

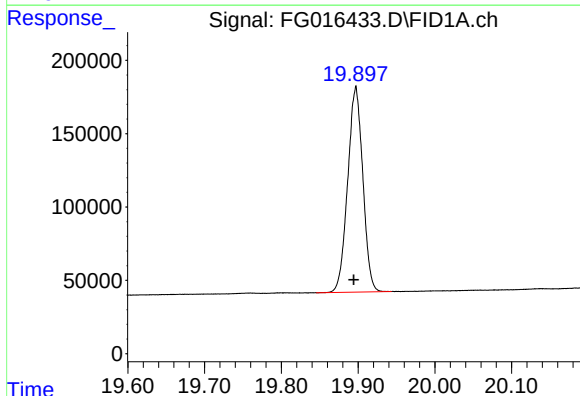
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



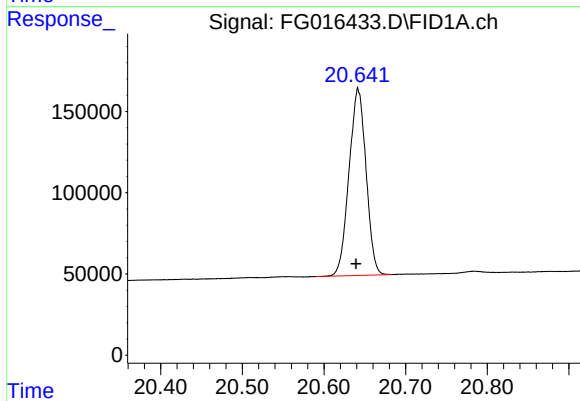
#18 n-Dotriacontane (C32)

R.T.: 19.109 min
Delta R.T.: 0.002 min
Response: 2097050
Conc: 19.95 ug/ml



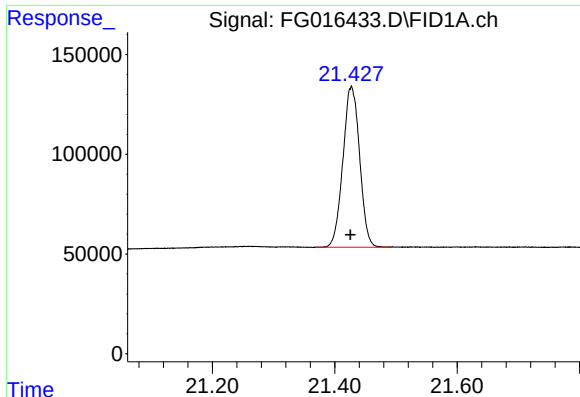
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.003 min
Response: 1916299
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

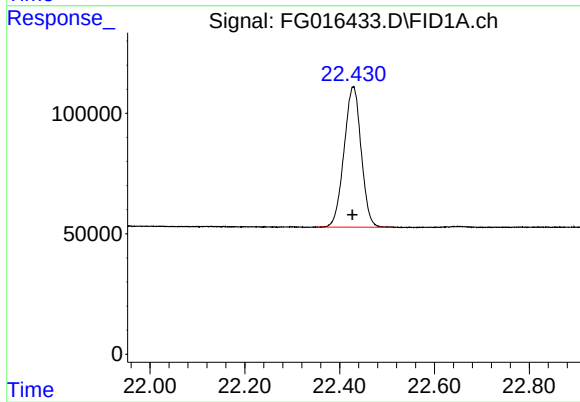
R.T.: 20.642 min
Delta R.T.: 0.003 min
Response: 1666053
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.427 min
Delta R.T.: 0.002 min
Response: 1525368
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.429 min
Delta R.T.: 0.002 min
Response: 1460690
Conc: 19.66 ug/ml