

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016076.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 16:31
 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: Jun 16 06:53:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.092	2567824	19.902 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	13.535	2004431	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.421	2150053	19.872 ug/ml
2) T n-Decane (C10)	4.679	2180482	19.878 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2378221	19.905 ug/ml
4) T n-Dodecane (C12)	6.858	2189329	19.883 ug/ml
5) T A~2-methylnaphthalene...	7.497	2315022	19.904 ug/ml
6) T n-Tetradecane (C14)	8.697	2181040	19.860 ug/ml
7) T n-Hexadecane (C16)	10.315	2260732	19.861 ug/ml
8) T n-Octadecane (C18)	11.768	2313229	19.871 ug/ml
10) T n-Eicosane (C20)	13.086	2264403	19.896 ug/ml
11) T n-Heneicosane (C21)	13.702	2251669	19.889 ug/ml
13) T n-Docosane (C22)	14.293	2260832	19.887 ug/ml
14) T n-Tetracosane (C24)	15.402	2298513	19.933 ug/ml
15) T n-Hexacosane (C26)	16.429	2295139	19.944 ug/ml
16) T n-Octacosane (C28)	17.383	2262244	19.933 ug/ml
17) T n-Tricontane (C30)	18.275	2280889	19.922 ug/ml
18) T n-Dotriacontane (C32)	19.112	2171208	19.914 ug/ml
19) T n-Tetratriacontane (C34)	19.899	1971723	19.930 ug/ml
20) T n-Hexatriacontane (C36)	20.641	1693739	19.955 ug/ml
21) T n-Octatriacontane (C38)	21.431	1505383	19.941 ug/ml
22) T n-Tetracontane (C40)	22.436	1382050	19.987 ug/ml

(f)=RT Delta > 1/2 Window

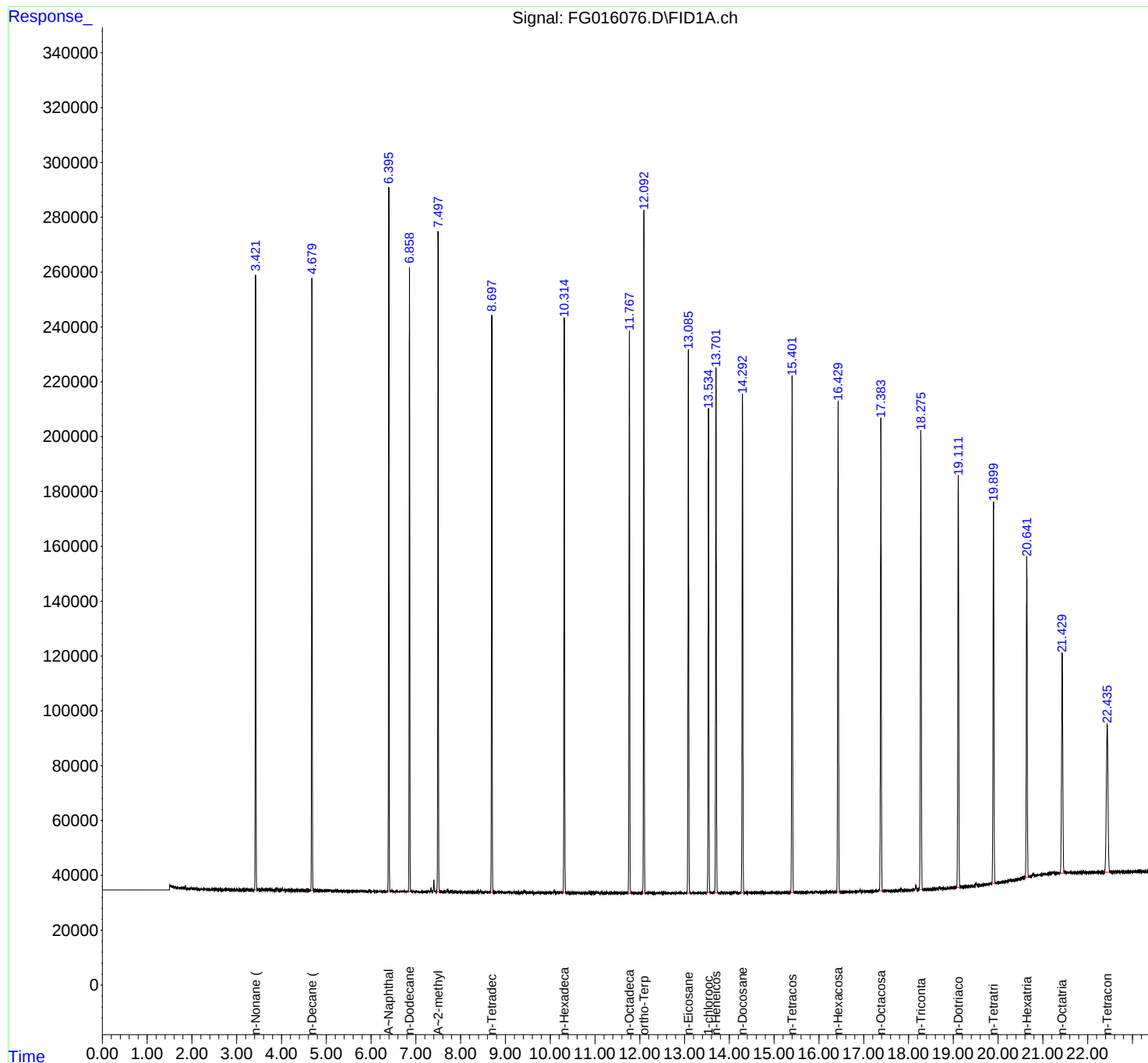
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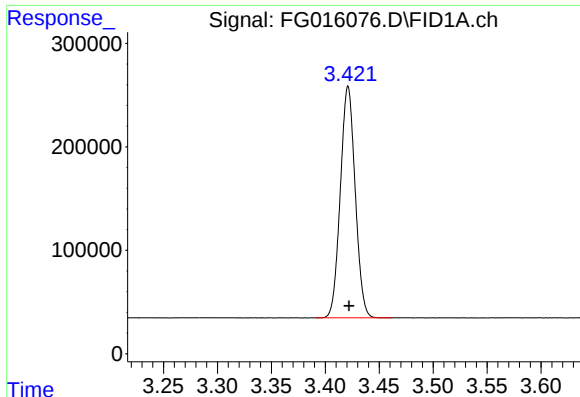
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#1 n-Nonane (C9)

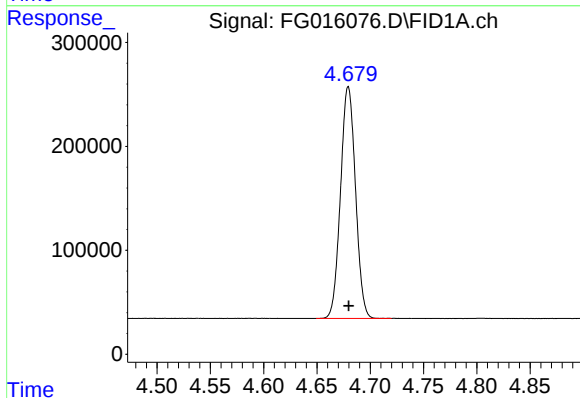
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 2150053
Conc: 19.87 ug/ml

Instrument :

FID_G

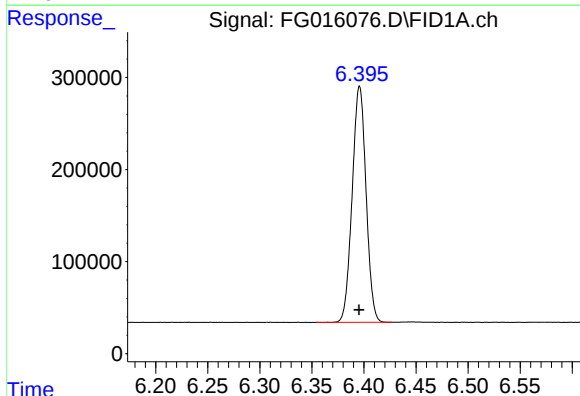
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



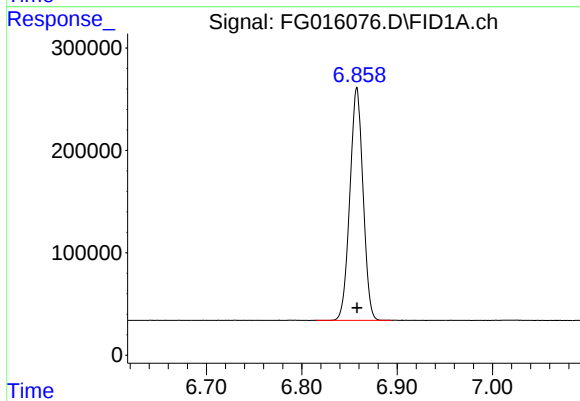
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 2180482
Conc: 19.88 ug/ml



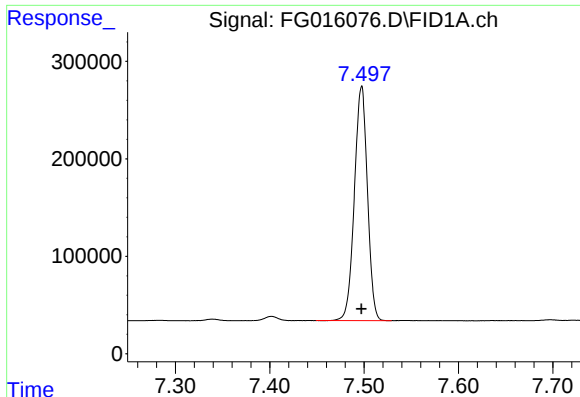
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2378221
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

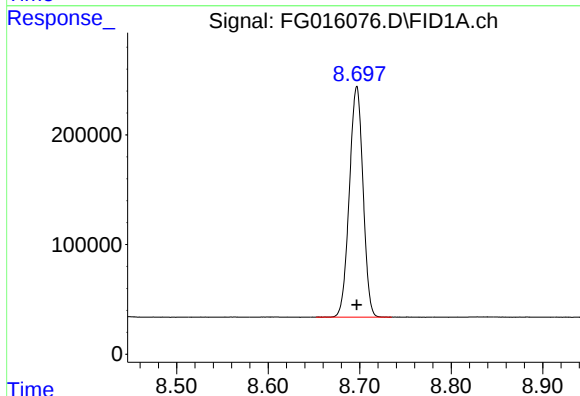
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2189329
Conc: 19.88 ug/ml



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

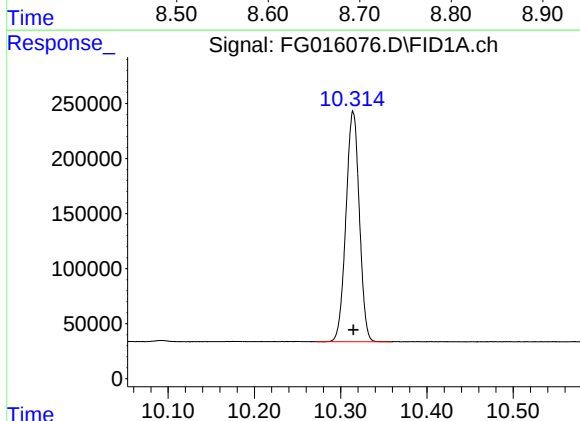
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 2315022
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



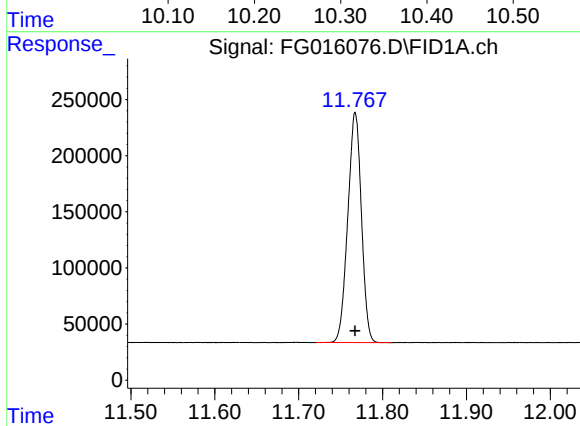
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2181040
Conc: 19.86 ug/ml



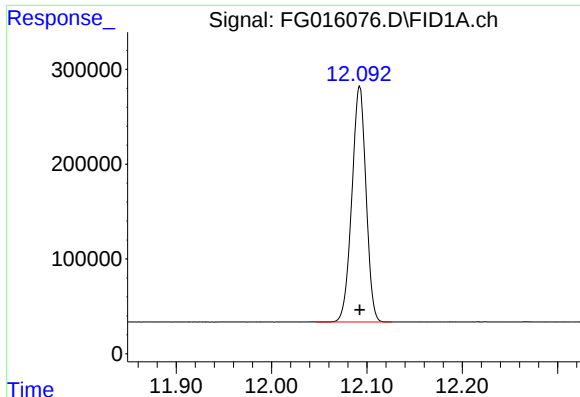
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2260732
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 2313229
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

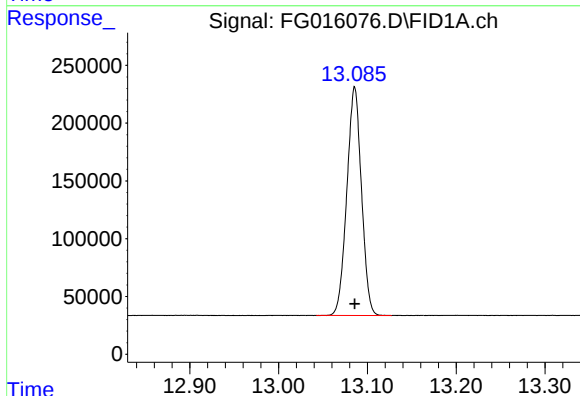
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2567824
Conc: 19.90 ug/ml

Instrument :

FID_G

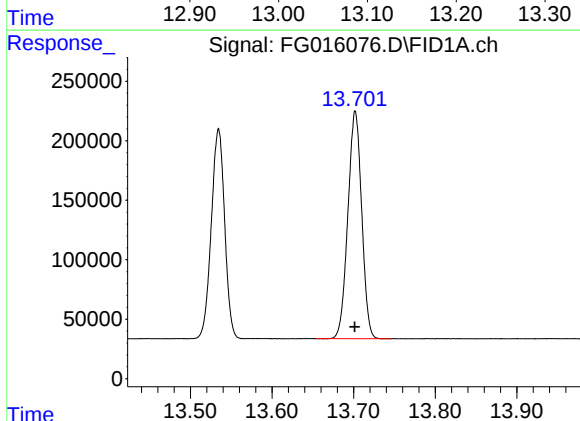
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



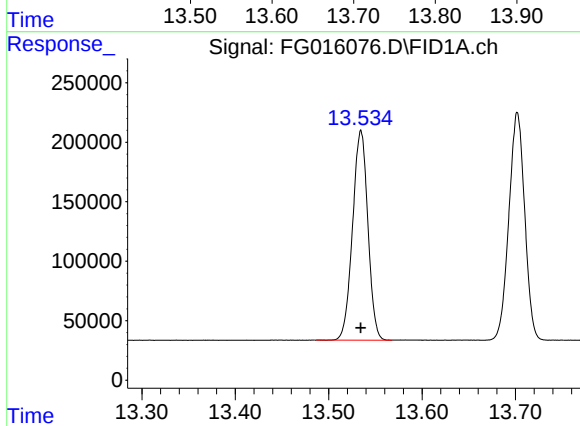
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2264403
Conc: 19.90 ug/ml



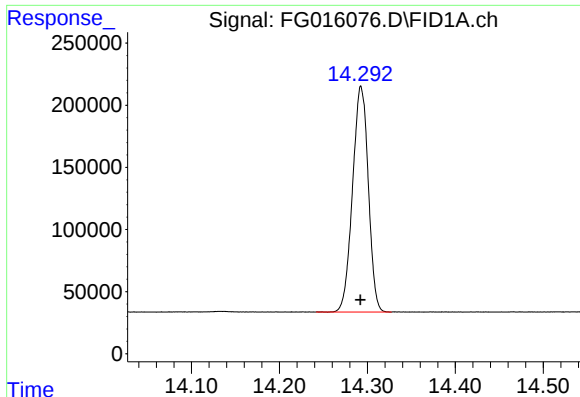
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2251669
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2004431
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

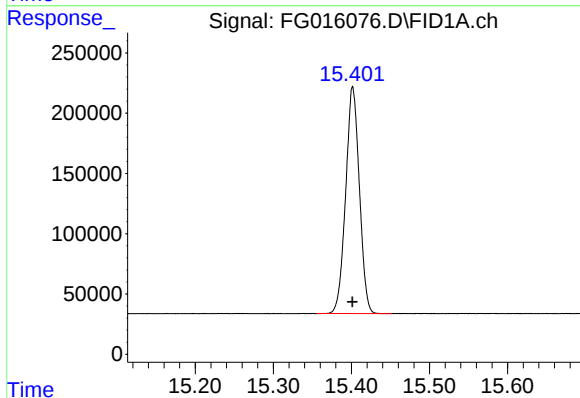
R.T.: 14.293 min
Delta R.T.: 0.000 min
Response: 2260832
Conc: 19.89 ug/ml

Instrument :

FID_G

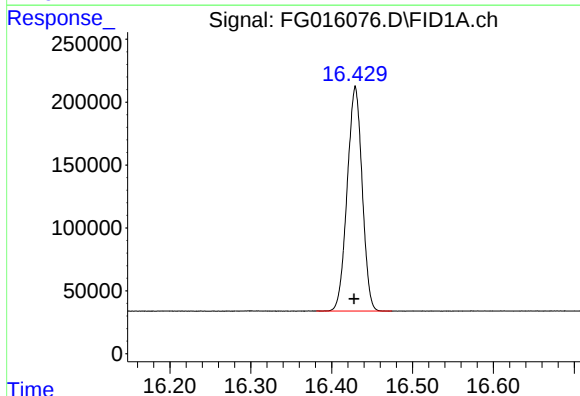
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



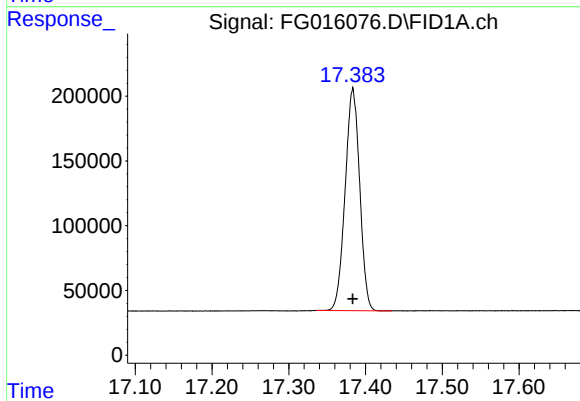
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2298513
Conc: 19.93 ug/ml



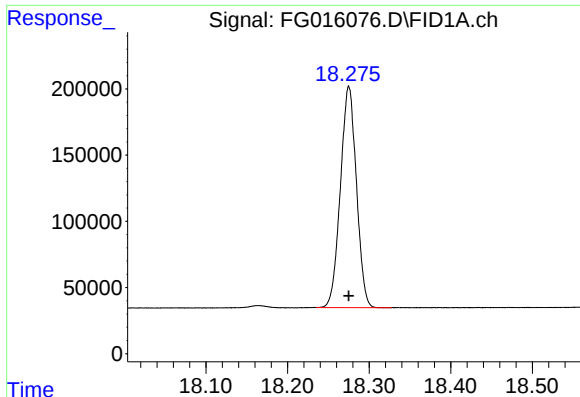
#15 n-Hexacosane (C26)

R.T.: 16.429 min
Delta R.T.: 0.001 min
Response: 2295139
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 2262244
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

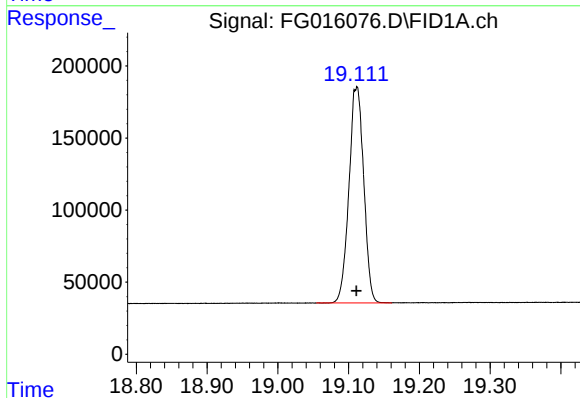
R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2280889
Conc: 19.92 ug/ml

Instrument :

FID_G

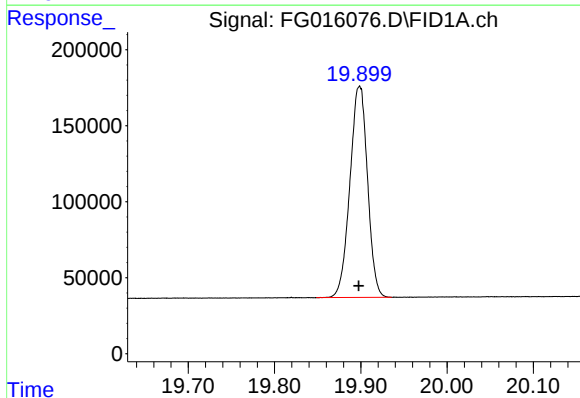
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



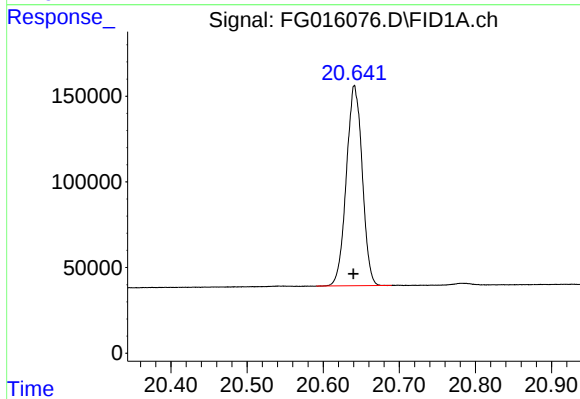
#18 n-Dotriacontane (C32)

R.T.: 19.112 min
Delta R.T.: 0.000 min
Response: 2171208
Conc: 19.91 ug/ml



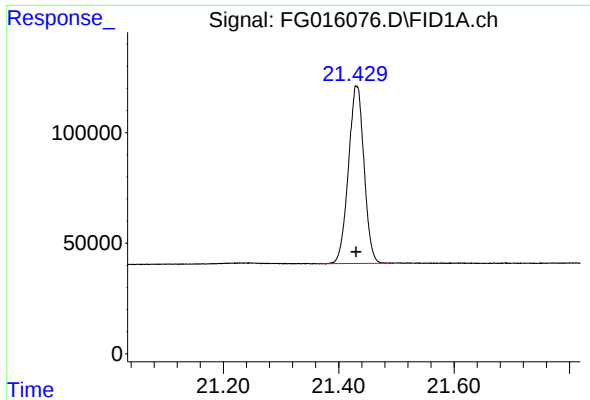
#19 n-Tetratriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 1971723
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

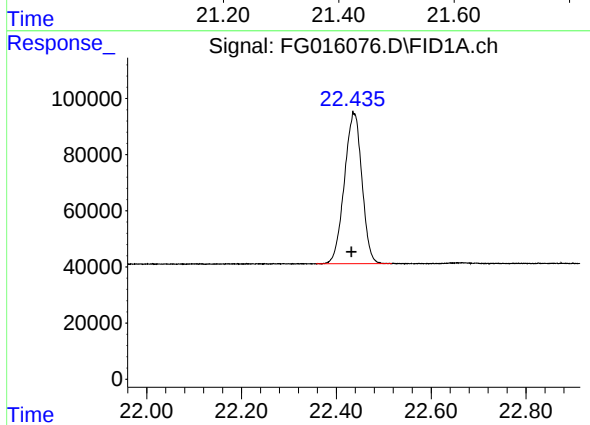
R.T.: 20.641 min
Delta R.T.: 0.001 min
Response: 1693739
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.431 min
Delta R.T.: 0.000 min
Response: 1505383
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.436 min
Delta R.T.: 0.004 min
Response: 1382050
Conc: 19.99 ug/ml