

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067078.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 14:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
 Quant Time: Sep 11 02:56:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.505	2653916	19.059 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
12) S 1-chlorooctadecane (S...	12.945	1856704	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.276	2567537	19.356 ug/ml
2) T n-Decane (C10)	4.342	2603367	19.384 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2737552	19.262 ug/ml
4) T n-Dodecane (C12)	6.359	2582061	19.290 ug/ml
5) T A~2-methylnaphthalene...	6.977	2565017	19.208 ug/ml
6) T n-Tetradecane (C14)	8.153	2480270	19.245 ug/ml
7) T n-Hexadecane (C16)	9.753	2463563	19.108 ug/ml
8) T n-Octadecane (C18)	11.194	2445133	19.111 ug/ml
10) T n-Eicosane (C20)	12.502	2284481	19.019 ug/ml
11) T n-Heneicosane (C21)	13.113	2223186	19.035 ug/ml
13) T n-Docosane (C22)	13.699	2194135	19.003 ug/ml
14) T n-Tetracosane (C24)	14.800	2162319	19.041 ug/ml
15) T n-Hexacosane (C26)	15.821	2106636	19.008 ug/ml
16) T n-Octacosane (C28)	16.770	2048516	18.964 ug/ml
17) T n-Tricontane (C30)	17.656	2053008	18.874 ug/ml
18) T n-Dotriacontane (C32)	18.489	1959533	18.786 ug/ml
19) T n-Tetratriacontane (C34)	19.271	1720105	18.644 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1473092	18.588 ug/ml
21) T n-Octatriacontane (C38)	20.736	1344947	17.905 ug/ml
22) T n-Tetracontane (C40)	21.626	1202369	17.210 ug/ml

(f)=RT Delta > 1/2 Window

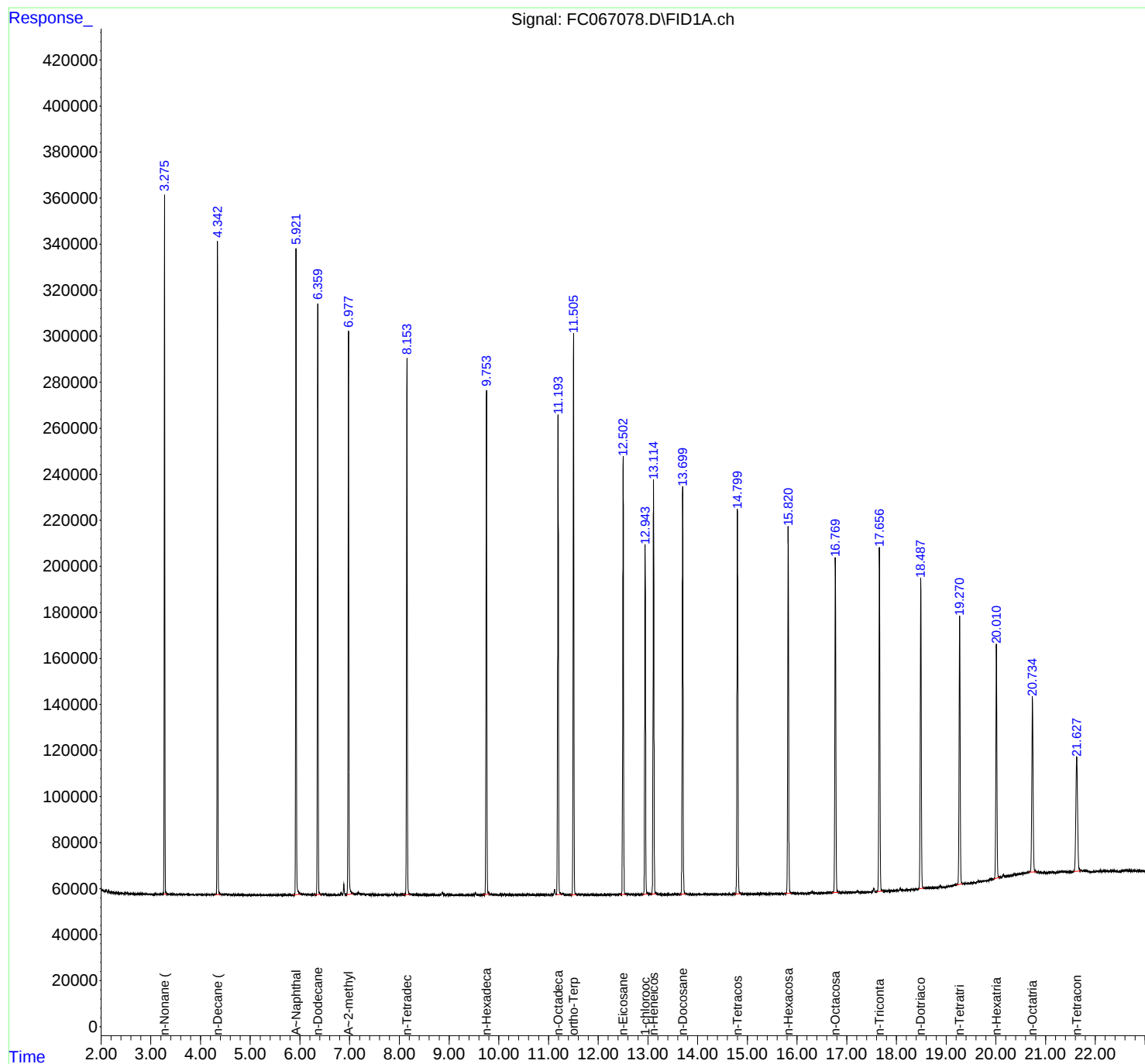
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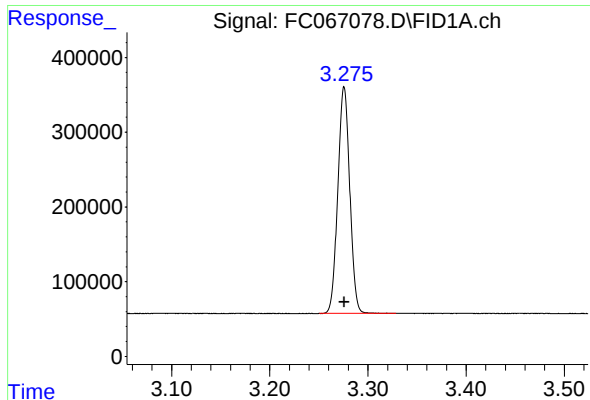
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
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#1 n-Nonane (C9)

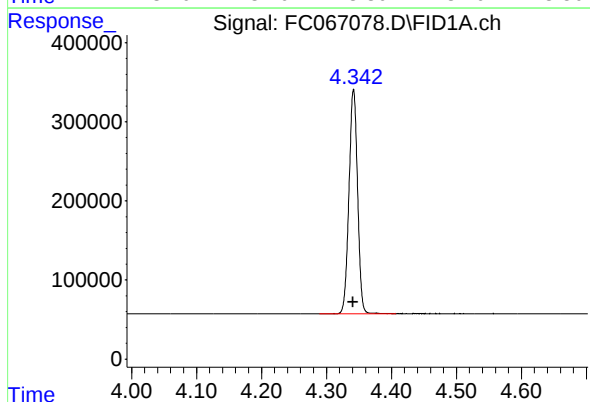
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2567537
Conc: 19.36 ug/ml

Instrument :

FID_C

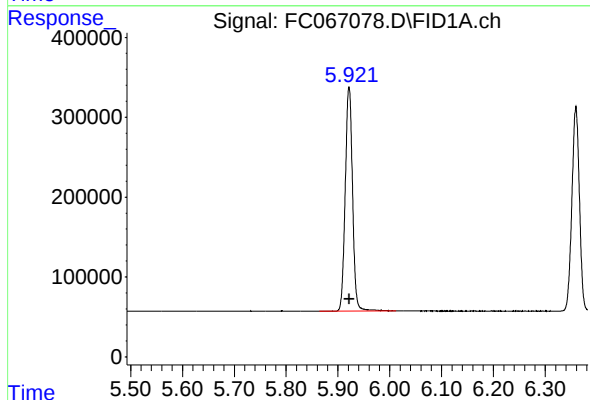
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



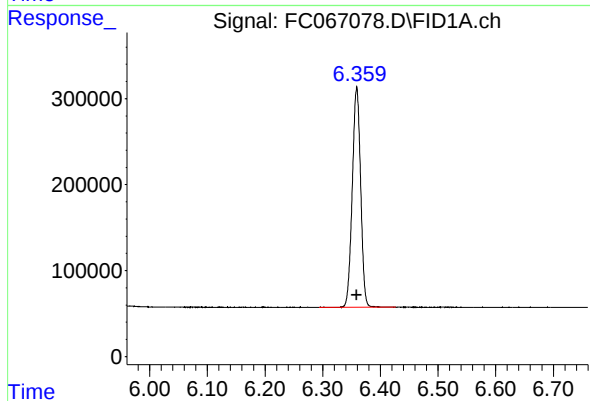
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2603367
Conc: 19.38 ug/ml



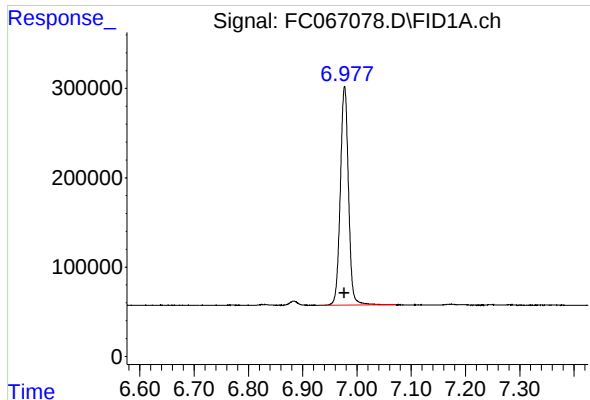
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2737552
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

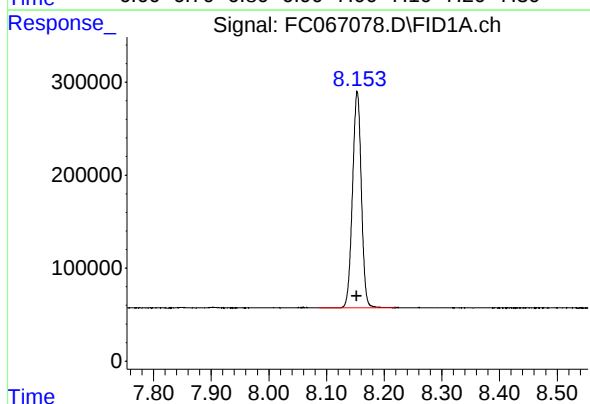
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2582061
Conc: 19.29 ug/ml



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

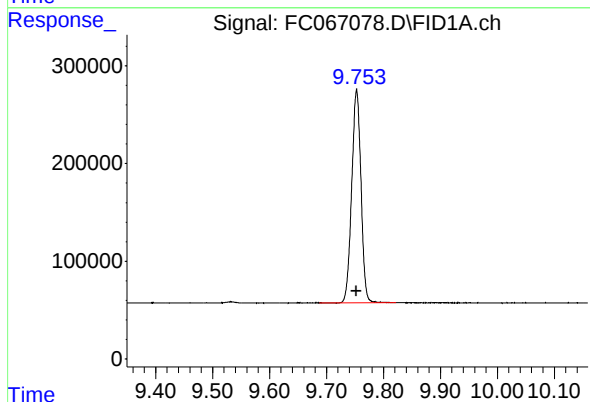
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2565017
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



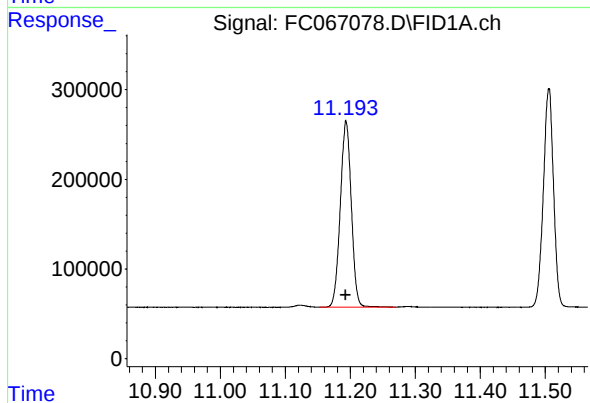
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2480270
Conc: 19.25 ug/ml



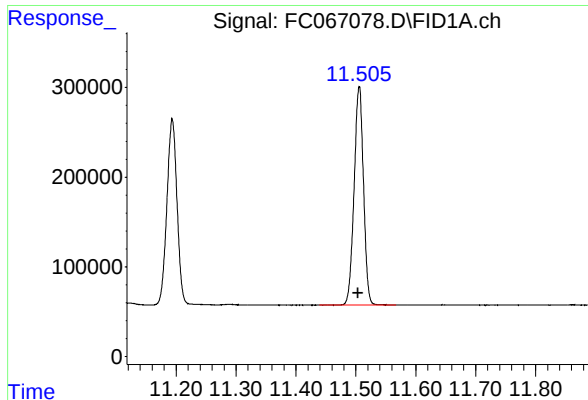
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.001 min
Response: 2463563
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 2445133
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

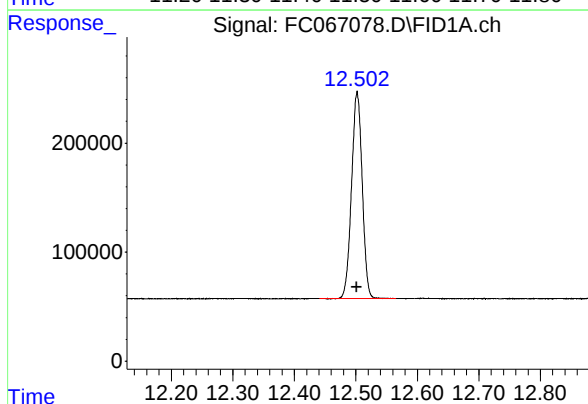
R.T.: 11.505 min
Delta R.T.: 0.001 min
Response: 2653916
Conc: 19.06 ug/ml

Instrument :

FID_C

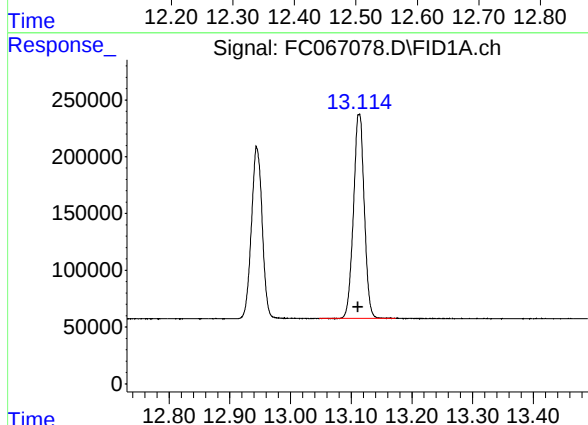
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



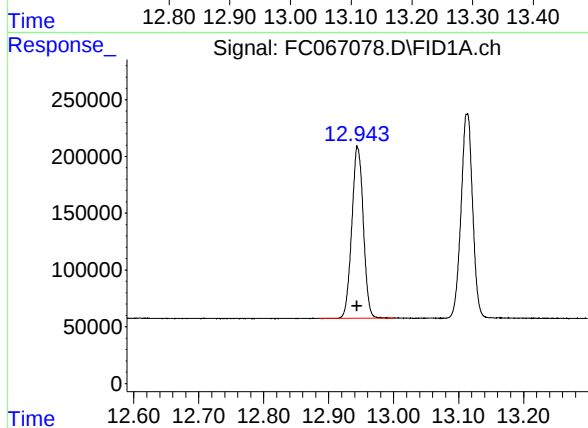
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.001 min
Response: 2284481
Conc: 19.02 ug/ml



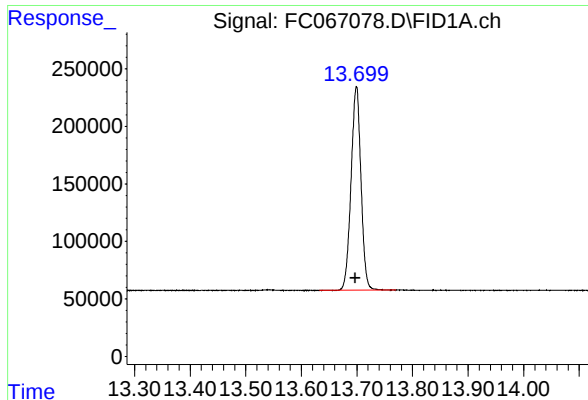
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.002 min
Response: 2223186
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.001 min
Response: 1856704
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

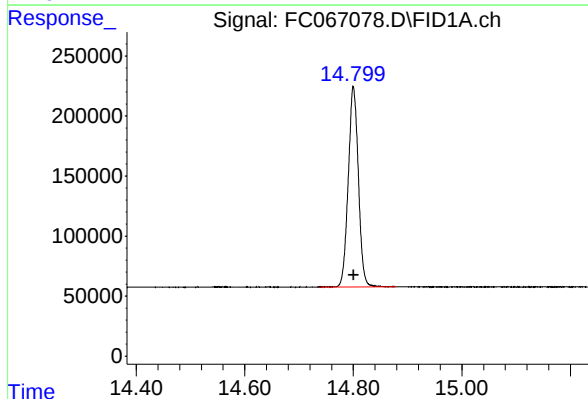
R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 2194135
Conc: 19.00 ug/ml

Instrument :

FID_C

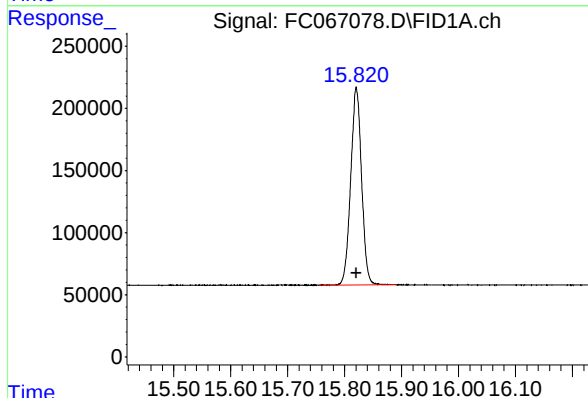
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



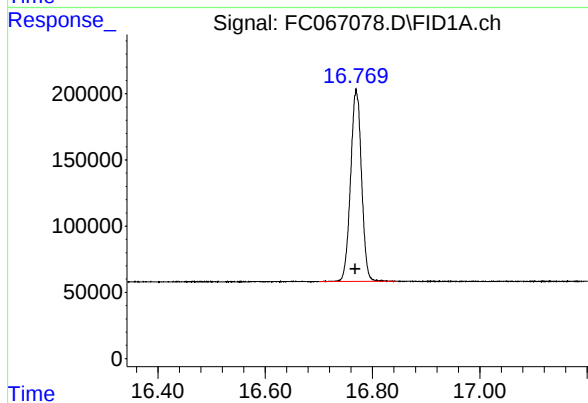
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 2162319
Conc: 19.04 ug/ml



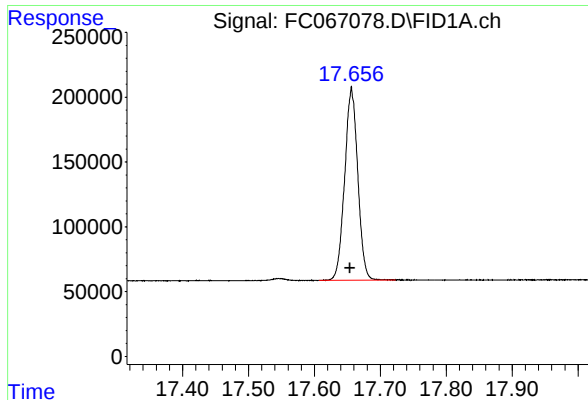
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2106636
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 2048516
Conc: 18.96 ug/ml



#17 n-Tricontane (C30)

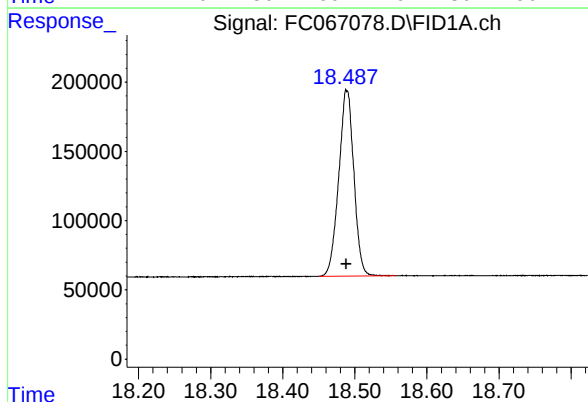
R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 2053008
Conc: 18.87 ug/ml

Instrument :

FID_C

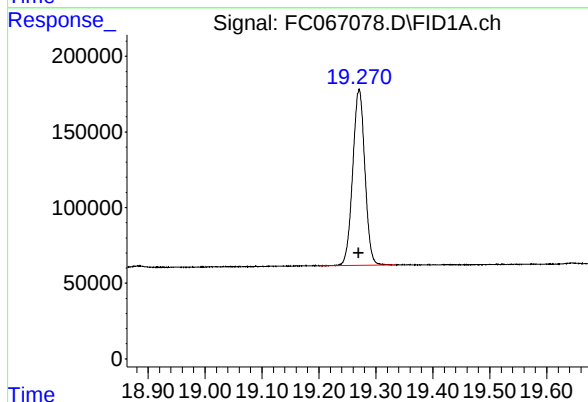
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



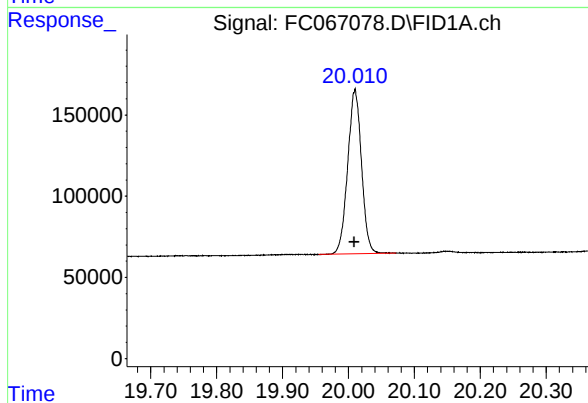
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 1959533
Conc: 18.79 ug/ml



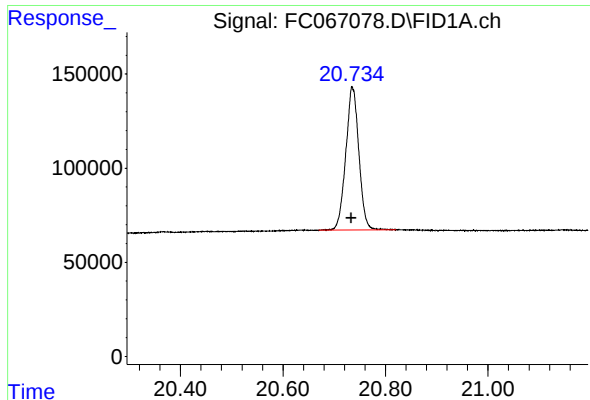
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.000 min
Response: 1720105
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

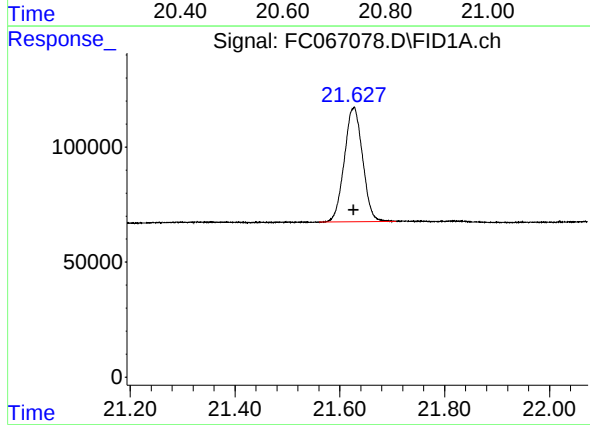
R.T.: 20.010 min
Delta R.T.: 0.000 min
Response: 1473092
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.002 min
Response: 1344947
Conc: 17.90 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.000 min
Response: 1202369
Conc: 17.21 ug/ml