

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
 Data File : FC067576.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 22:56
 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: Nov 01 00:20:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.492	2814227	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	12.930	2094412	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.273	2557917	18.987 ug/ml
2) T n-Decane (C10)	4.338	2607529	19.138 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2811086	18.970 ug/ml
4) T n-Dodecane (C12)	6.353	2602824	19.217 ug/ml
5) T A~2-methylnaphthalene...	6.969	2688730	19.039 ug/ml
6) T n-Tetradecane (C14)	8.144	2530499	19.278 ug/ml
7) T n-Hexadecane (C16)	9.742	2564888	19.416 ug/ml
8) T n-Octadecane (C18)	11.181	2577223	19.508 ug/ml
10) T n-Eicosane (C20)	12.488	2455253	19.459 ug/ml
11) T n-Heneicosane (C21)	13.099	2409799	19.526 ug/ml
13) T n-Docosane (C22)	13.684	2388124	19.503 ug/ml
14) T n-Tetracosane (C24)	14.785	2374063	19.586 ug/ml
15) T n-Hexacosane (C26)	15.804	2353265	19.766 ug/ml
16) T n-Octacosane (C28)	16.752	2375751	20.194 ug/ml
17) T n-Tricontane (C30)	17.638	2538052	20.998 ug/ml
18) T n-Dotriacontane (C32)	18.469	2541861	21.483 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2238259	21.372 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1903661	20.913 ug/ml
21) T n-Octatriacontane (C38)	20.710	1779881	20.552 ug/ml
22) T n-Tetracontane (C40)	21.593	1708259	20.095 ug/ml

(f)=RT Delta > 1/2 Window

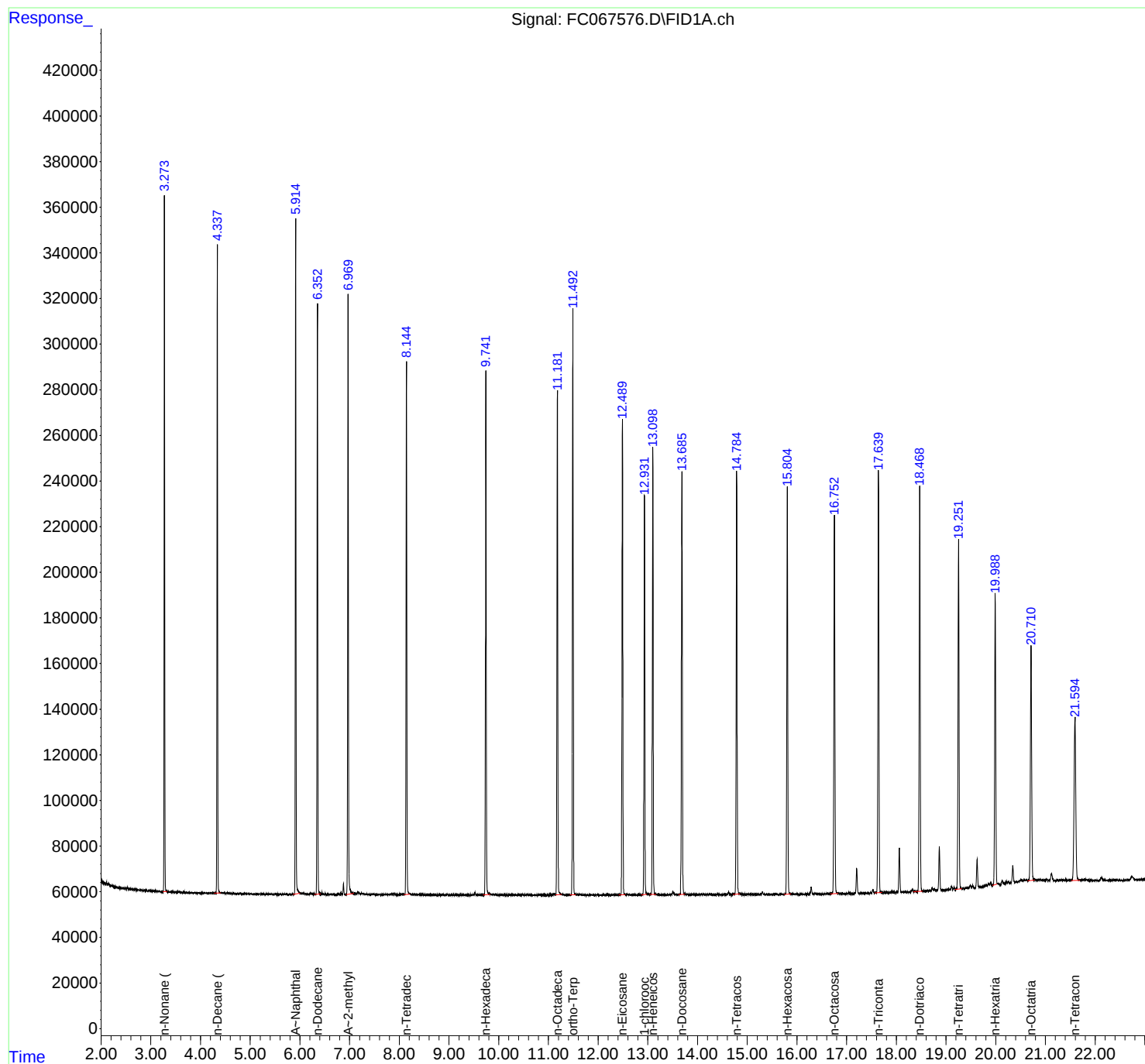
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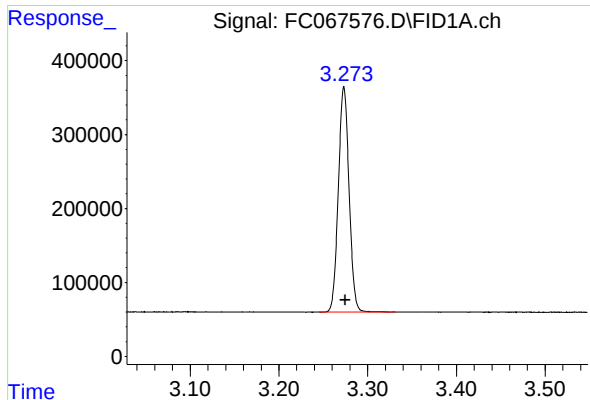
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
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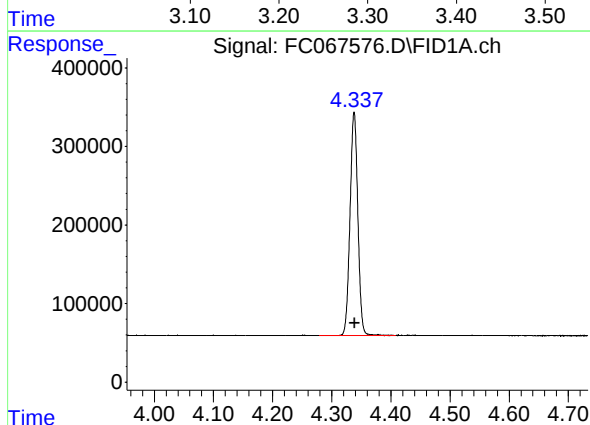




#1 n-Nonane (C9)

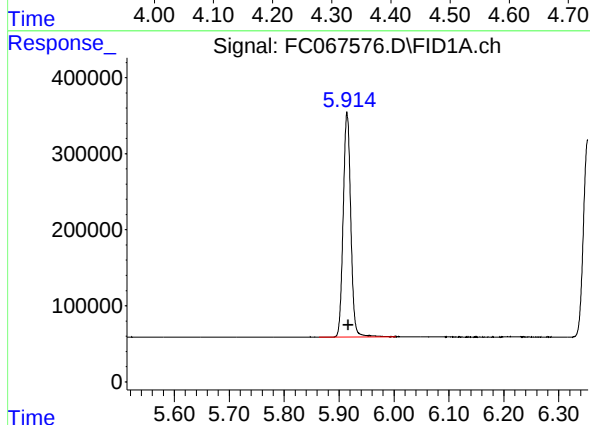
R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 2557917
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



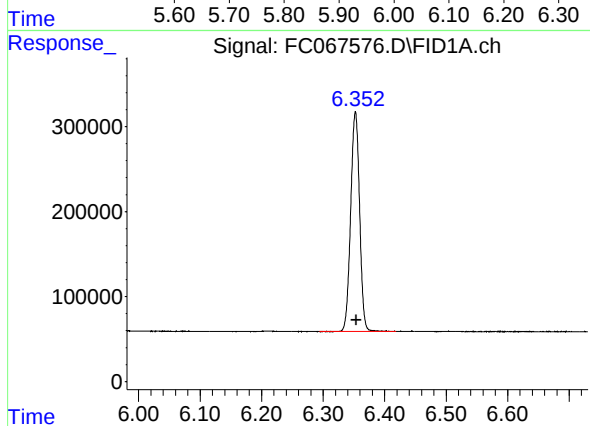
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2607529
Conc: 19.14 ug/ml



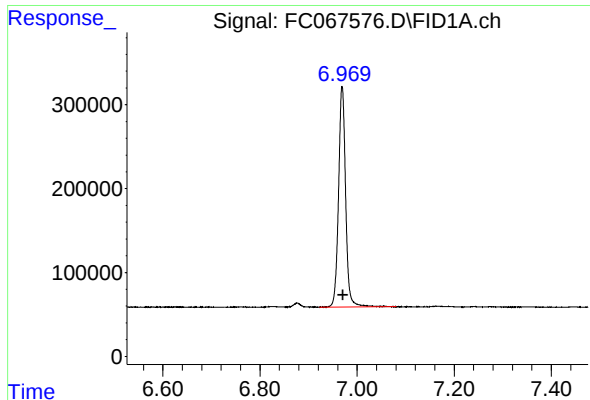
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2811086
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

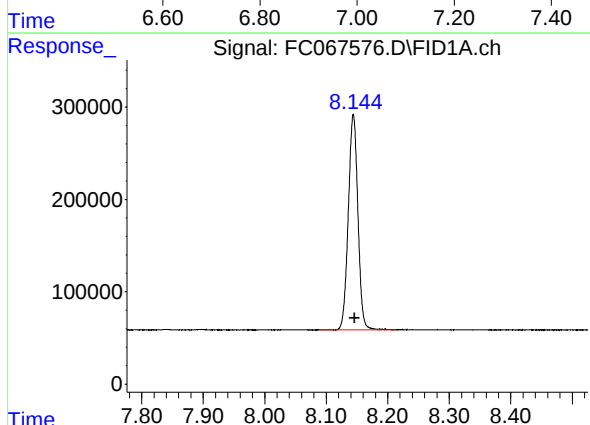
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 2602824
Conc: 19.22 ug/ml



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

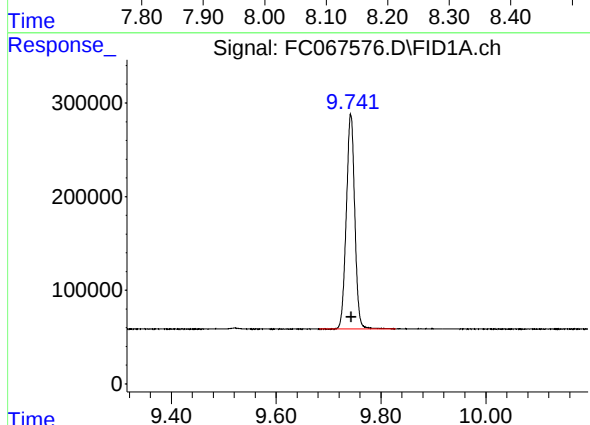
R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 2688730
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



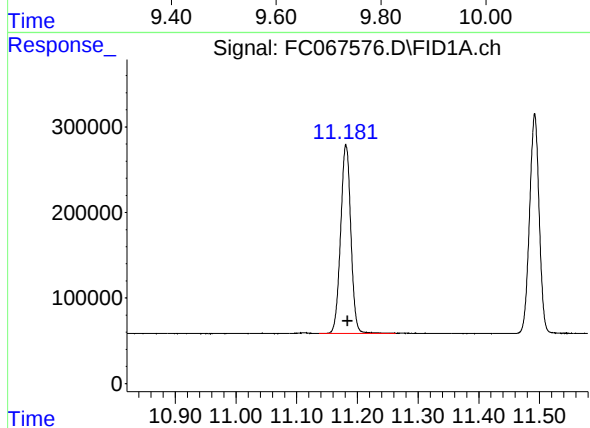
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 2530499
Conc: 19.28 ug/ml



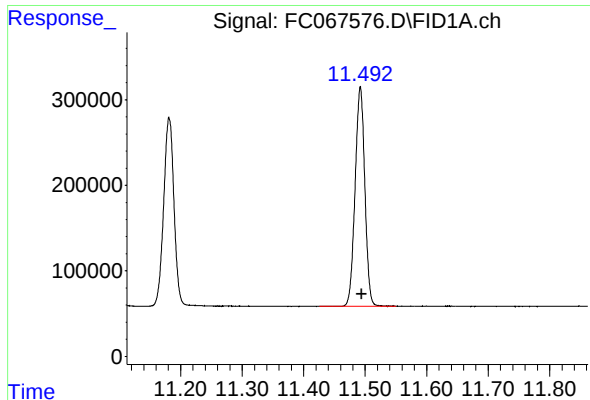
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 2564888
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

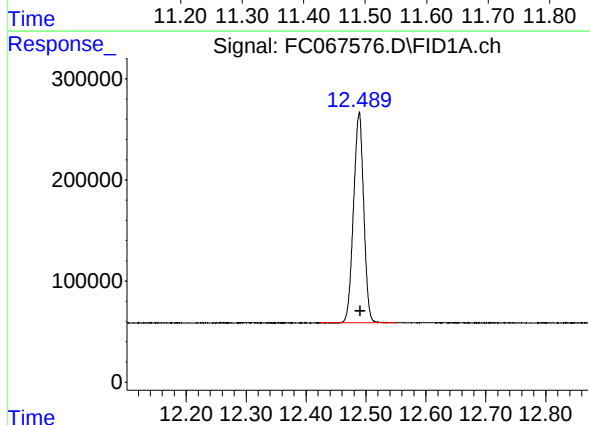
R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2577223
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

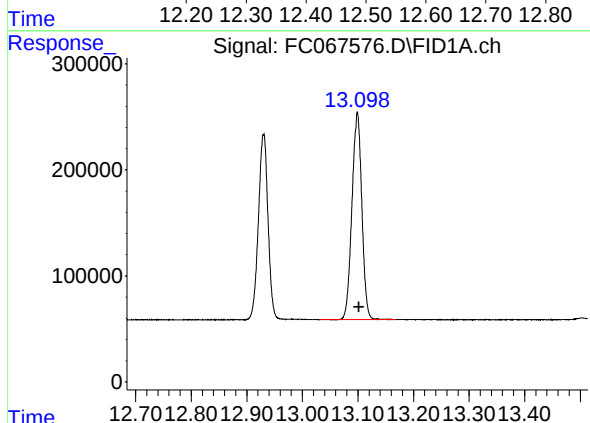
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 2814227
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



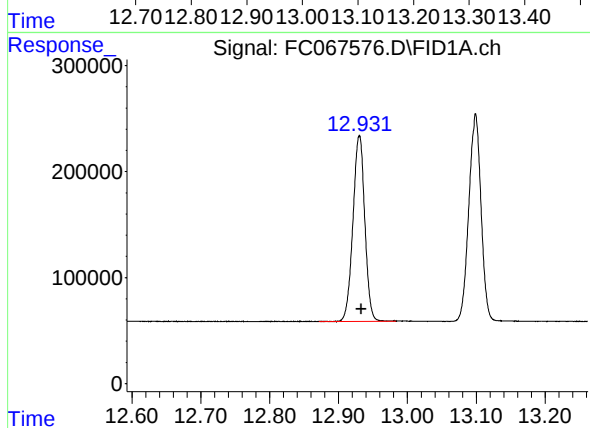
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.002 min
Response: 2455253
Conc: 19.46 ug/ml



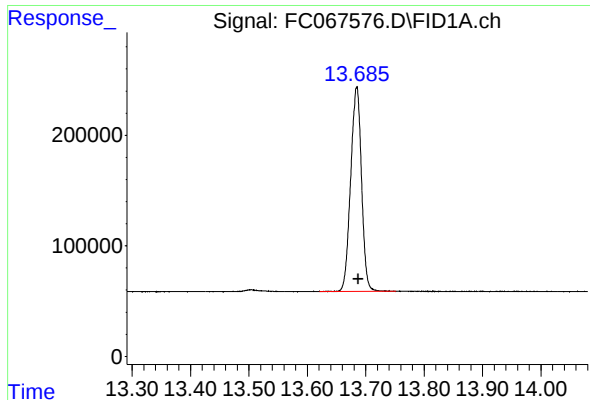
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2409799
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

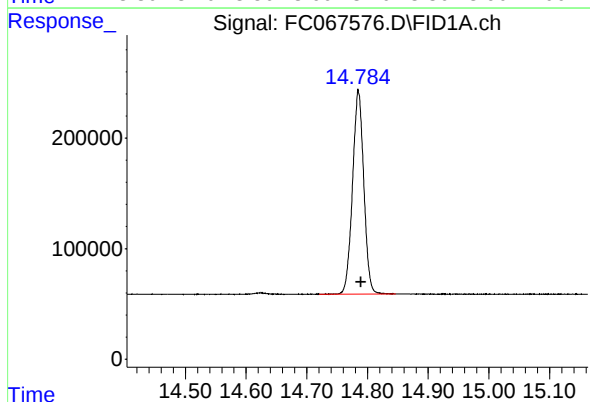
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2094412
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

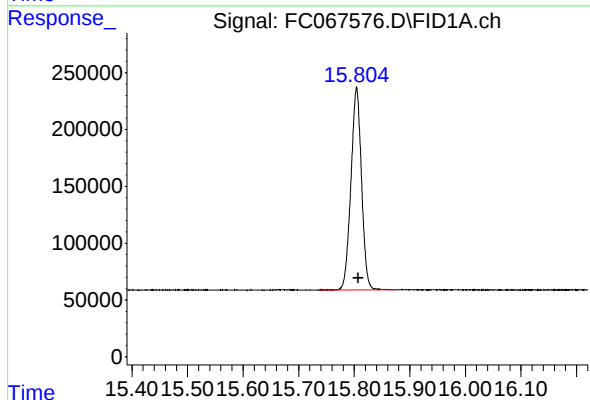
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2388124
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



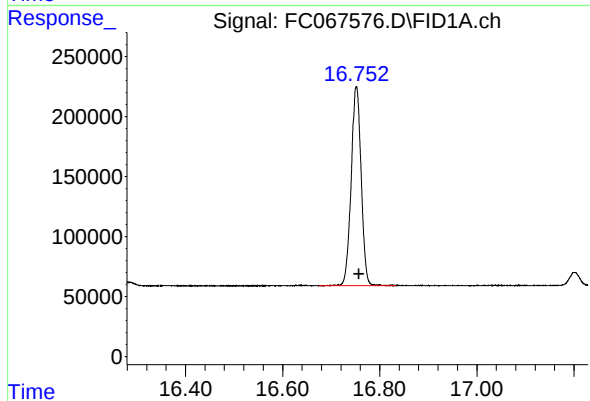
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 2374063
Conc: 19.59 ug/ml



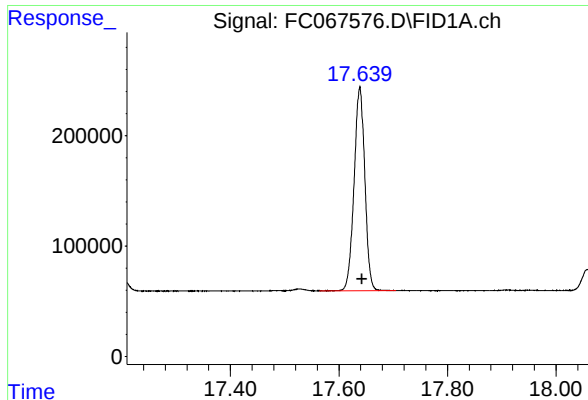
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.004 min
Response: 2353265
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

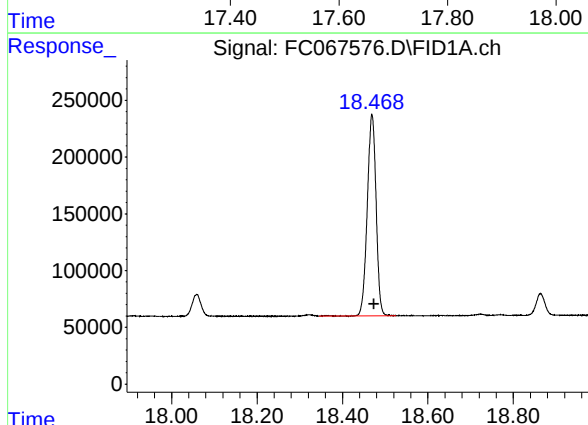
R.T.: 16.752 min
Delta R.T.: -0.006 min
Response: 2375751
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

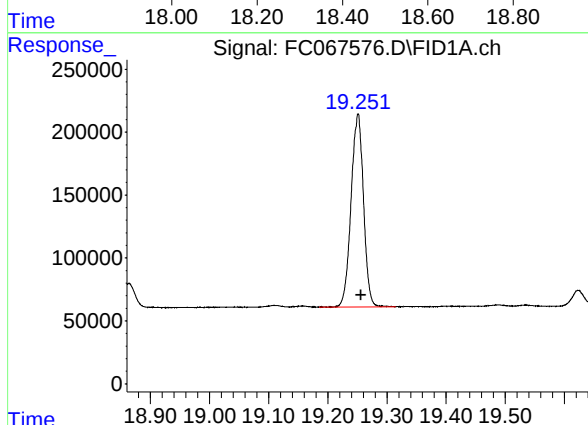
R.T.: 17.638 min
Delta R.T.: -0.004 min
Response: 2538052
Conc: 21.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



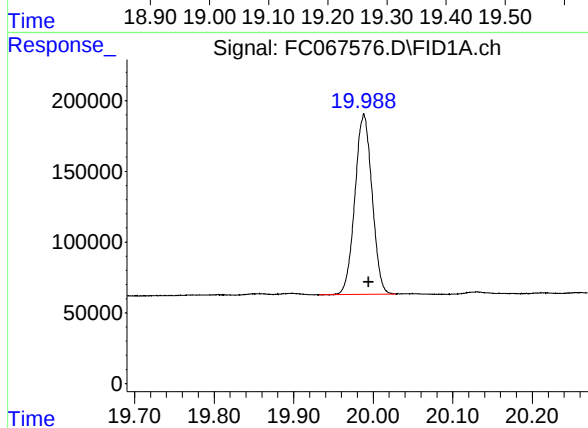
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2541861
Conc: 21.48 ug/ml



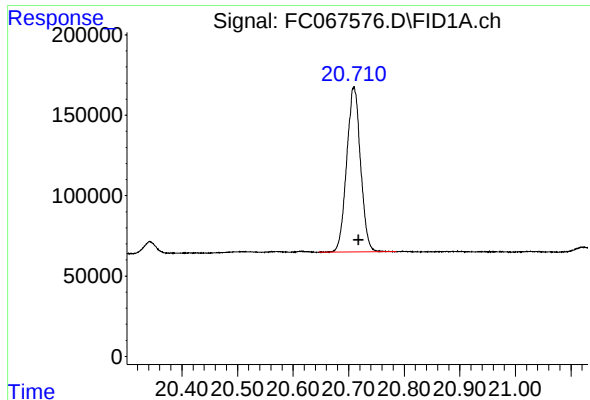
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.005 min
Response: 2238259
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

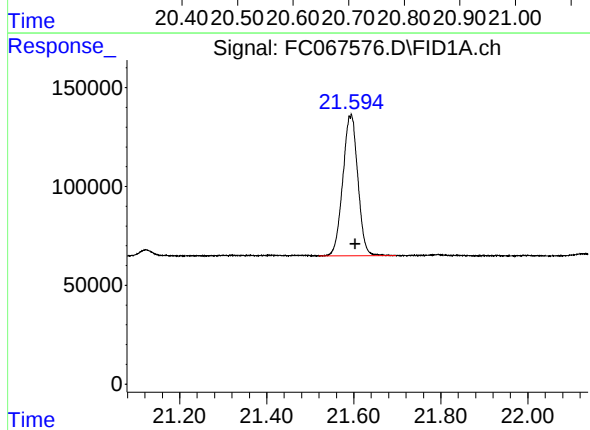
R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 1903661
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.008 min
Response: 1779881
Conc: 20.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.010 min
Response: 1708259
Conc: 20.09 ug/ml