

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068376.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 20:18
 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: Mar 05 22:34:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 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)	11.393	3076097	20.047 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	12.834	2254534	20.045 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.201	2857214	20.311 ug/ml
2) T n-Decane (C10)	4.258	2879090	20.322 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3104046	20.283 ug/ml
4) T n-Dodecane (C12)	6.266	2855739	20.288 ug/ml
5) T A~2-methylnaphthalene...	6.876	2936407	20.275 ug/ml
6) T n-Tetradecane (C14)	8.055	2739087	20.090 ug/ml
7) T n-Hexadecane (C16)	9.650	2781803	20.310 ug/ml
8) T n-Octadecane (C18)	11.088	2780455	20.331 ug/ml
10) T n-Eicosane (C20)	12.394	2648981	20.332 ug/ml
11) T n-Heneicosane (C21)	13.004	2599630	20.334 ug/ml
13) T n-Docosane (C22)	13.590	2568338	20.379 ug/ml
14) T n-Tetracosane (C24)	14.690	2538436	20.409 ug/ml
15) T n-Hexacosane (C26)	15.709	2487254	20.456 ug/ml
16) T n-Octacosane (C28)	16.658	2428496	20.448 ug/ml
17) T n-Tricontane (C30)	17.543	2495035	20.729 ug/ml
18) T n-Dotriacontane (C32)	18.375	2432983	20.962 ug/ml
19) T n-Tetratriacontane (C34)	19.158	2182979	20.202 ug/ml
20) T n-Hexatriacontane (C36)	19.897	1927847	20.046 ug/ml
21) T n-Octatriacontane (C38)	20.608	1830105	20.358 ug/ml
22) T n-Tetracontane (C40)	21.460	1732448	20.024 ug/ml

(f)=RT Delta > 1/2 Window

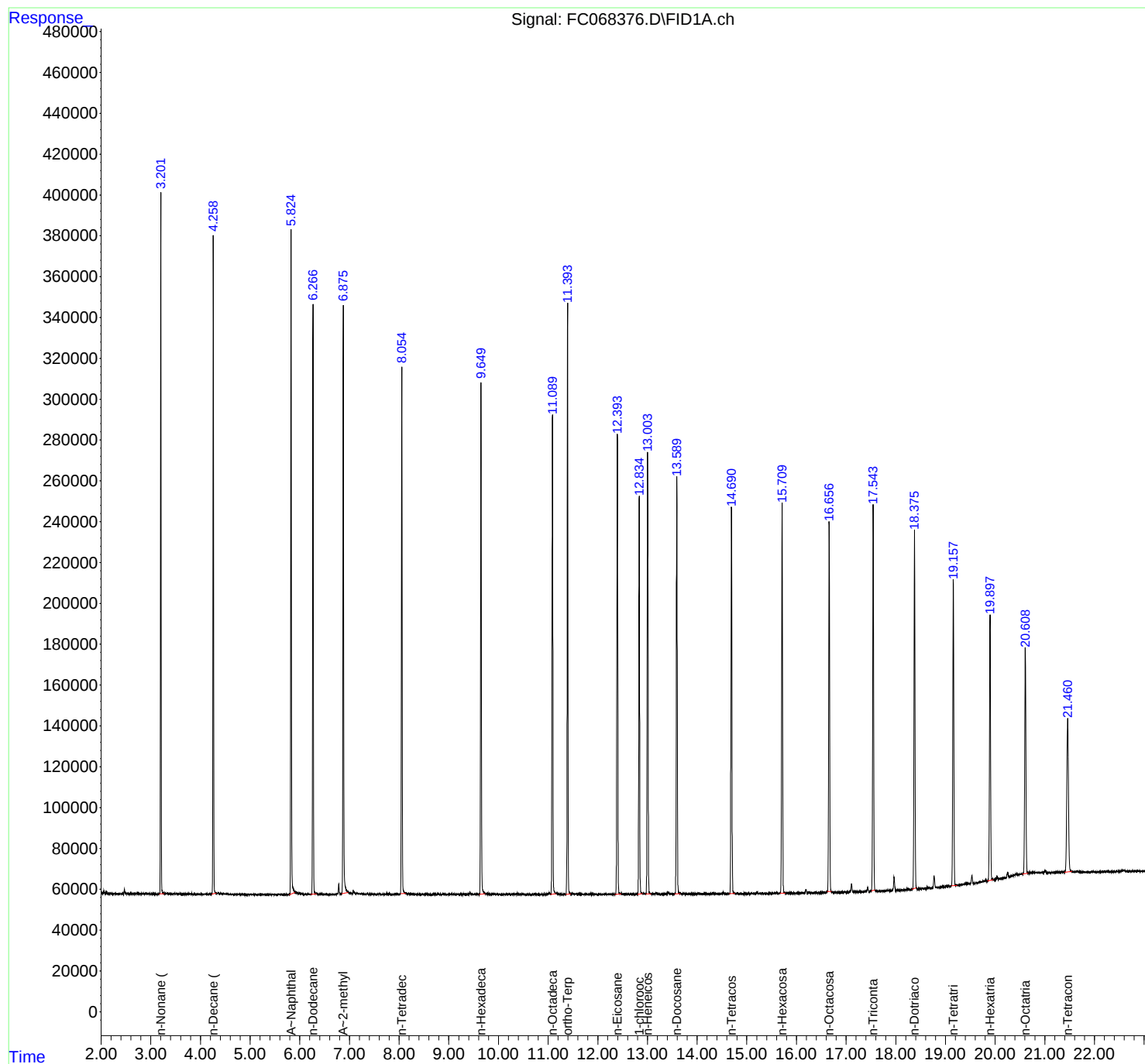
(m)=manual int.

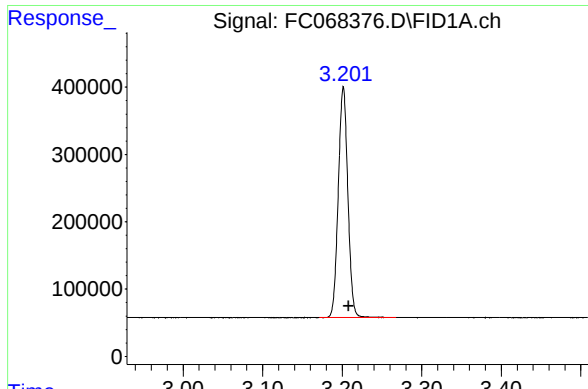
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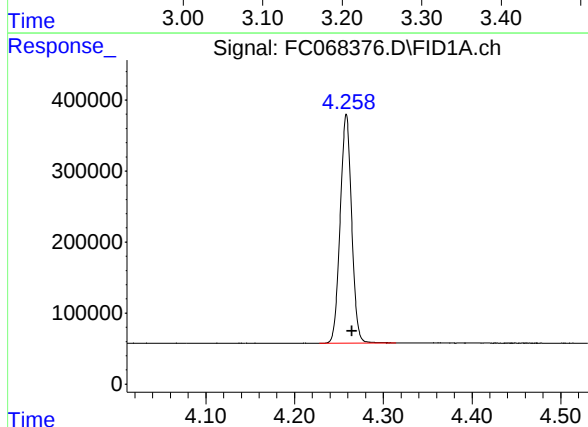




#1 n-Nonane (C9)

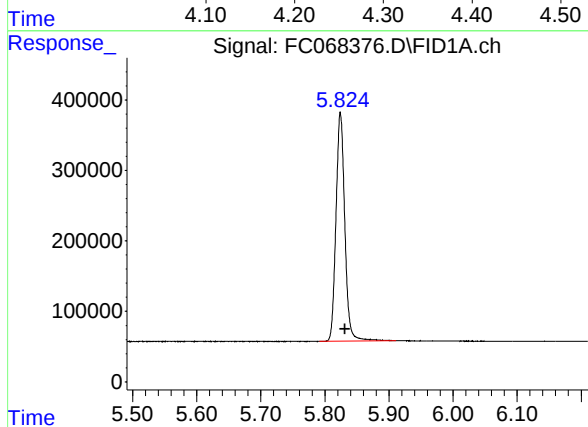
R.T.: 3.201 min
Delta R.T.: -0.007 min
Response: 2857214
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



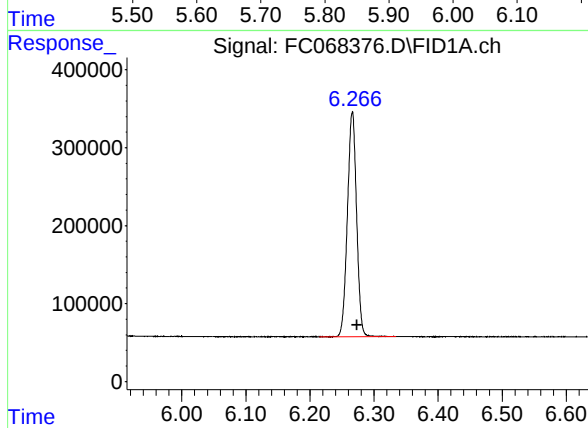
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 2879090
Conc: 20.32 ug/ml



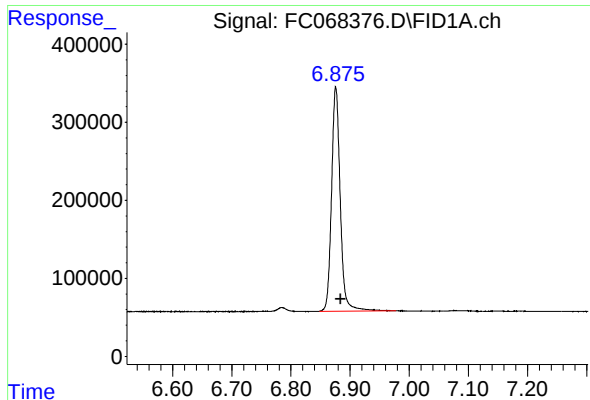
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.007 min
Response: 3104046
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

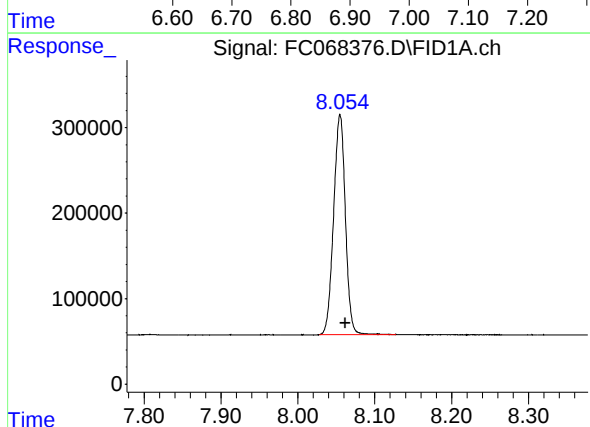
R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 2855739
Conc: 20.29 ug/ml



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

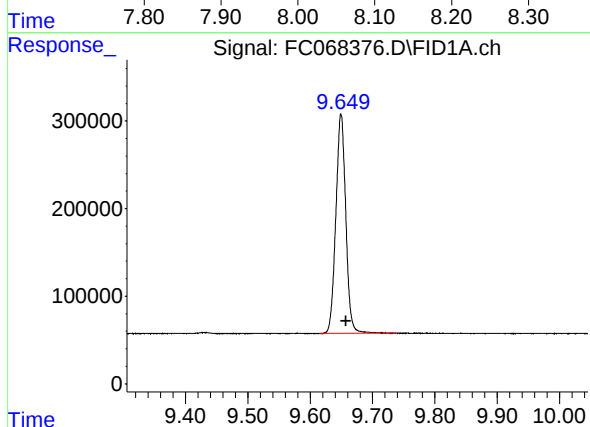
R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 2936407
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



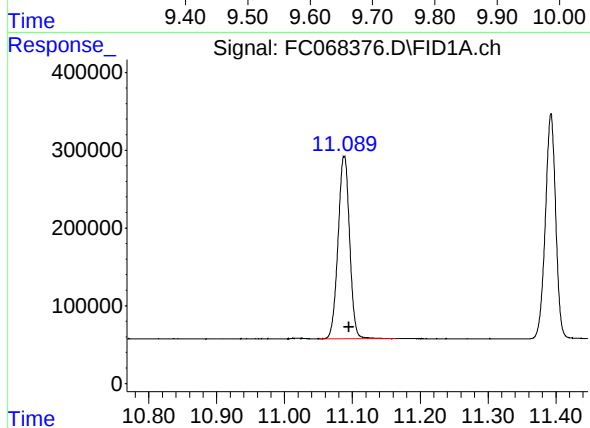
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.007 min
Response: 2739087
Conc: 20.09 ug/ml



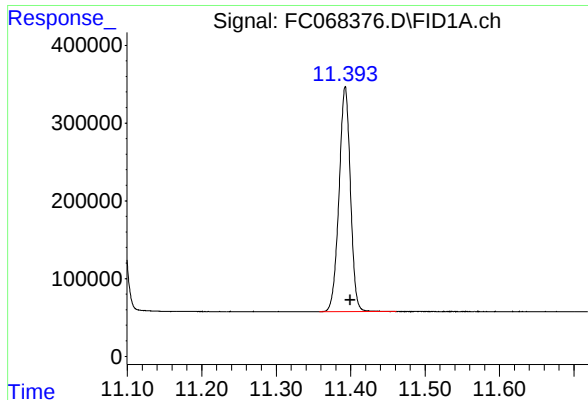
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: -0.008 min
Response: 2781803
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

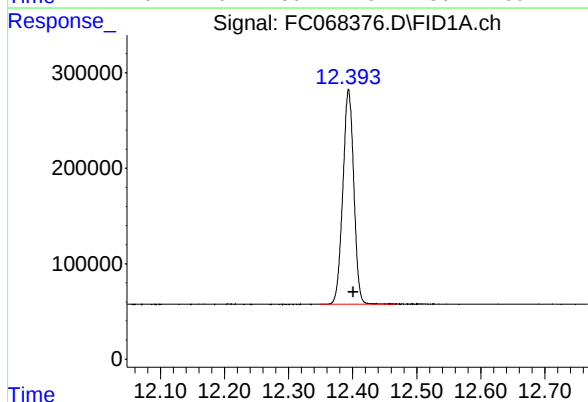
R.T.: 11.088 min
Delta R.T.: -0.007 min
Response: 2780455
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

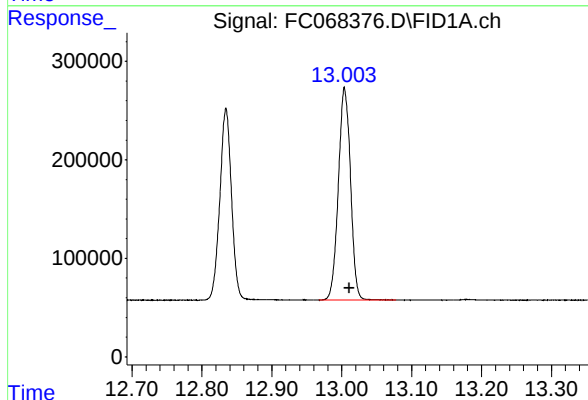
R.T.: 11.393 min
Delta R.T.: -0.007 min
Response: 3076097
Conc: 20.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



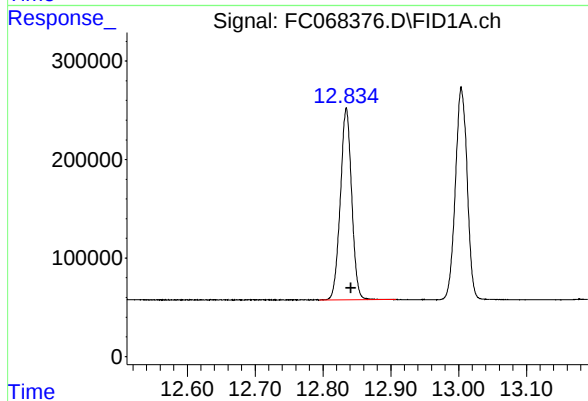
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: -0.007 min
Response: 2648981
Conc: 20.33 ug/ml



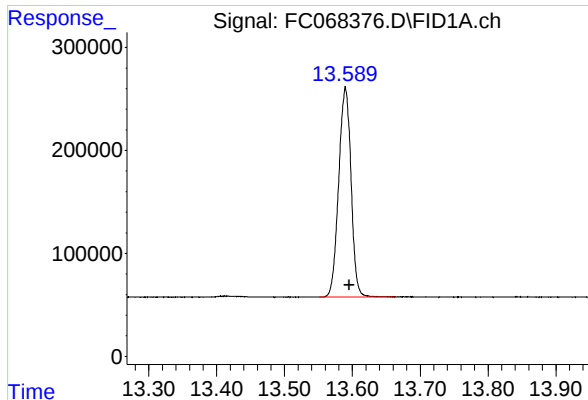
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 2599630
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

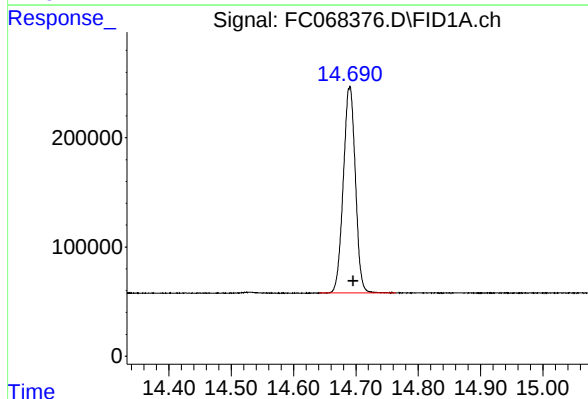
R.T.: 12.834 min
Delta R.T.: -0.007 min
Response: 2254534
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

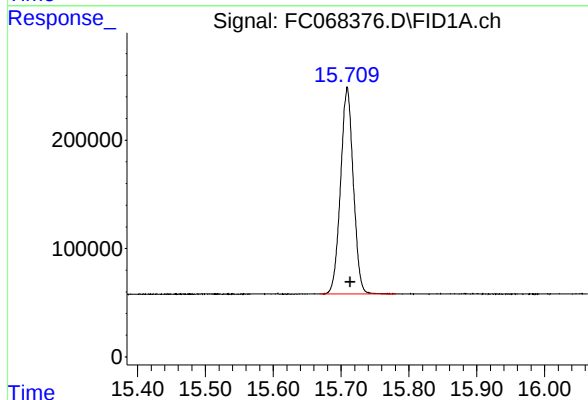
R.T.: 13.590 min
Delta R.T.: -0.006 min
Response: 2568338
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



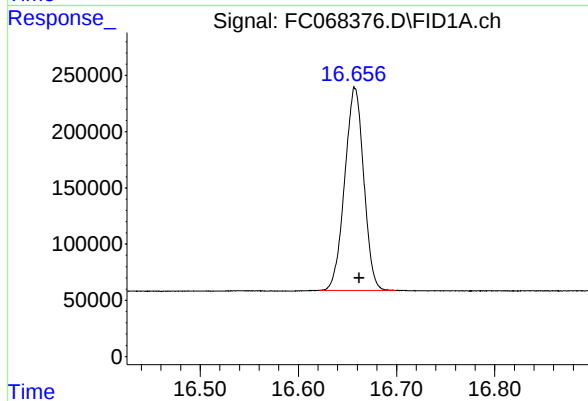
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 2538436
Conc: 20.41 ug/ml



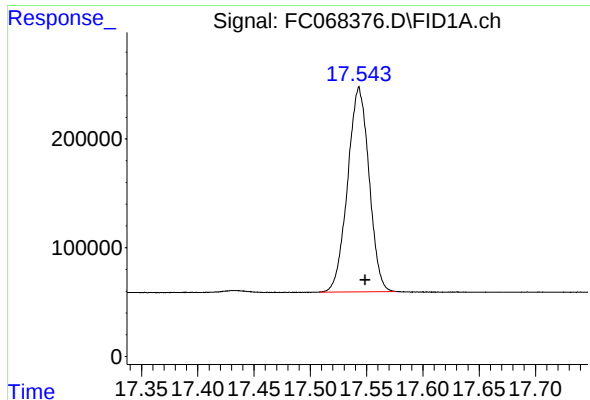
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: -0.005 min
Response: 2487254
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

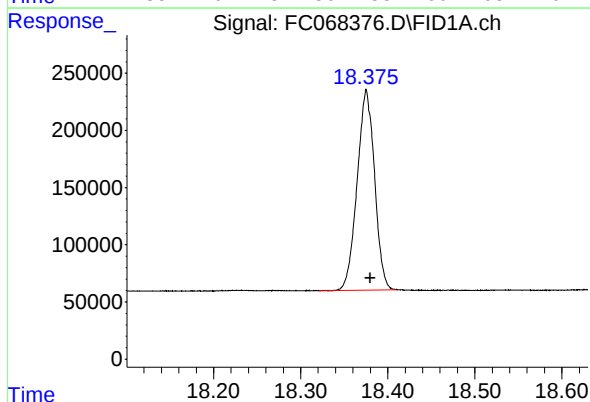
R.T.: 16.658 min
Delta R.T.: -0.004 min
Response: 2428496
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

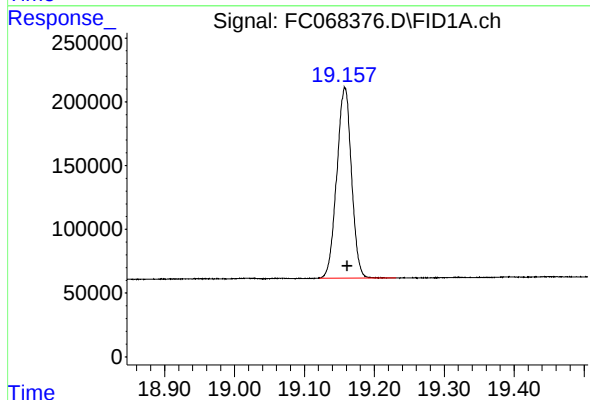
R.T.: 17.543 min
Delta R.T.: -0.006 min
Response: 2495035
Conc: 20.73 ug/ml

Instrument :
FID_C
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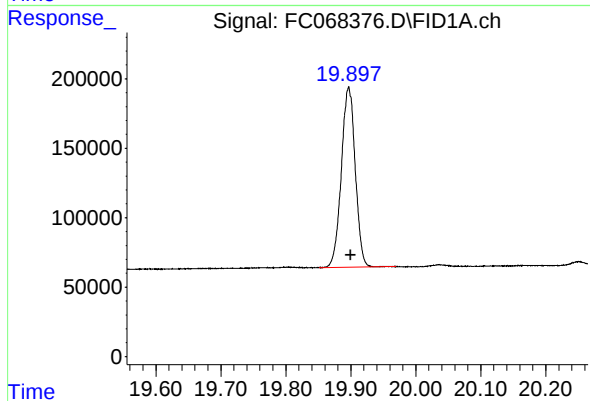
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: -0.004 min
Response: 2432983
Conc: 20.96 ug/ml



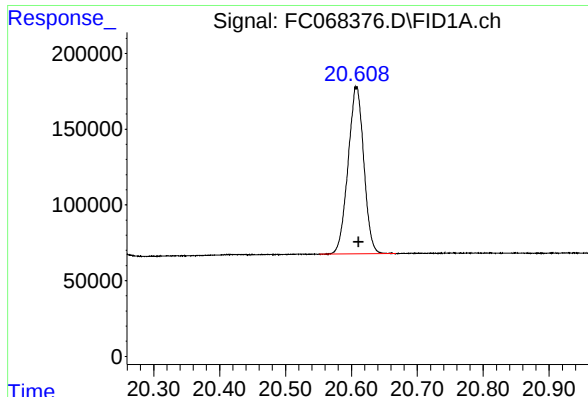
#19 n-Tetatriacontane (C34)

R.T.: 19.158 min
Delta R.T.: -0.004 min
Response: 2182979
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

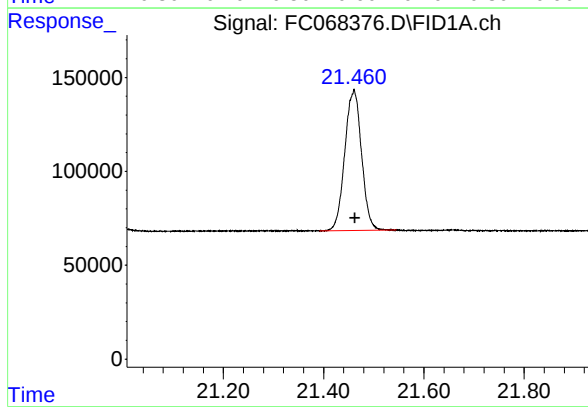
R.T.: 19.897 min
Delta R.T.: -0.003 min
Response: 1927847
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.608 min
Delta R.T.: -0.003 min
Response: 1830105
Conc: 20.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: -0.002 min
Response: 1732448
Conc: 20.02 ug/ml