

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063300.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 07:22
 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: autoint1.e
 Quant Time: Apr 05 07:49:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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)	11.529	2754346	18.103 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	12.966	2003135	18.104 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.296	2629431	18.729 ug/ml
2) T n-Decane (C10)	4.363	2481642	18.211 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2723014	18.033 ug/ml
4) T n-Dodecane (C12)	6.382	2452835	18.233 ug/ml
5) T A~2-methylnaphthalene...	7.003	2518363	18.081 ug/ml
6) T n-Tetradecane (C14)	8.176	2475104	18.283 ug/ml
7) T n-Hexadecane (C16)	9.776	2477055	18.241 ug/ml
8) T n-Octadecane (C18)	11.215	2499234	18.043 ug/ml
10) T n-Eicosane (C20)	12.523	2425734	18.055 ug/ml
11) T n-Heneicosane (C21)	13.135	2431268	18.065 ug/ml
13) T n-Docosane (C22)	13.719	2400743	18.003 ug/ml
14) T n-Tetracosane (C24)	14.818	2403816	17.878 ug/ml
15) T n-Hexacosane (C26)	15.838	2389119	17.849 ug/ml
16) T n-Octacosane (C28)	16.785	2392835	17.672 ug/ml
17) T n-Tricontane (C30)	17.669	2411413	17.432 ug/ml
18) T n-Dotriacontane (C32)	18.499	2453927	17.382 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2448471	17.742 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2347459	18.366 ug/ml
21) T n-Octatriacontane (C38)	20.742	2268347	18.422 ug/ml
22) T n-Tetracontane (C40)	21.637	2048305	17.406 ug/ml

(f)=RT Delta > 1/2 Window

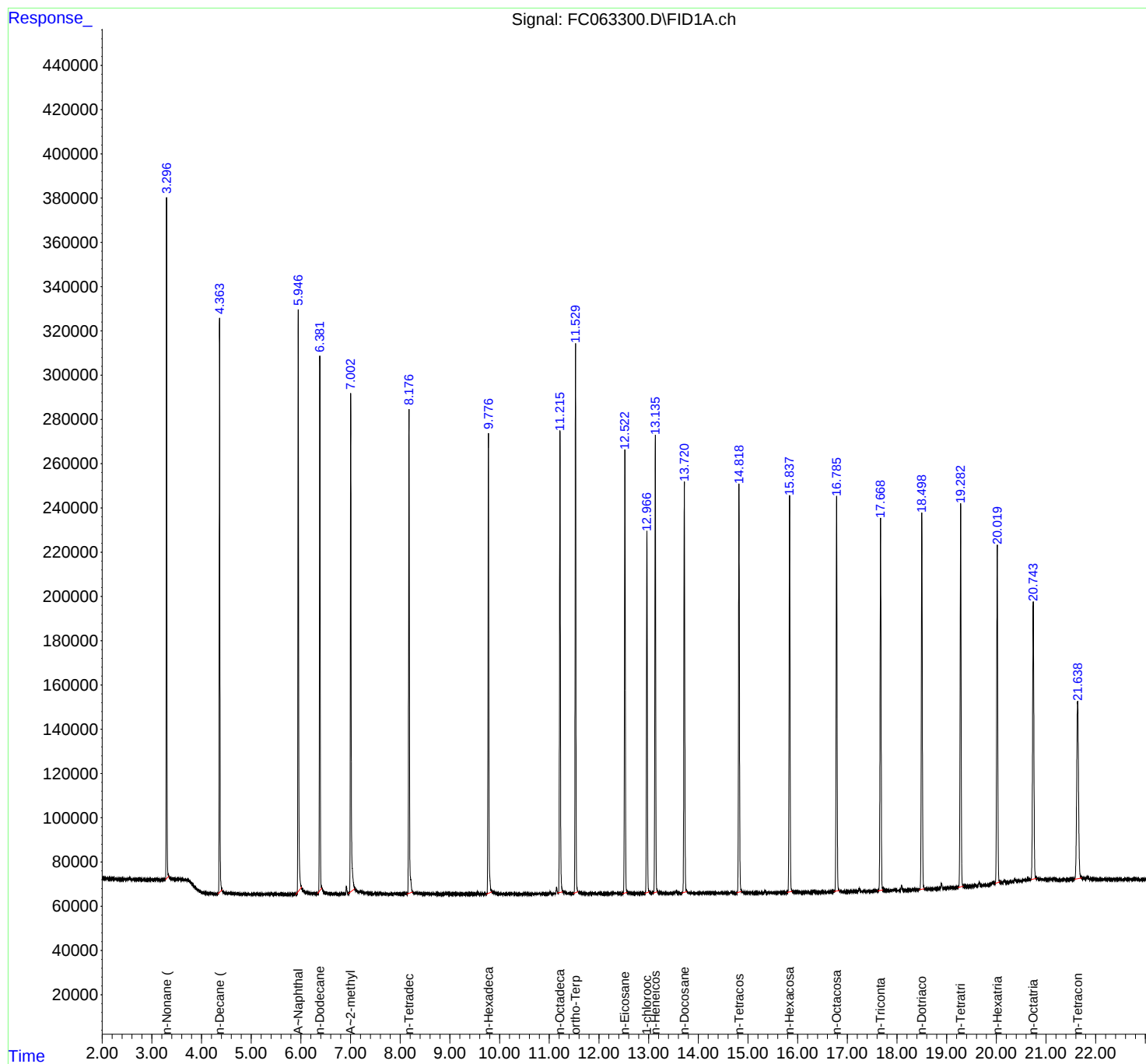
(m)=manual int.

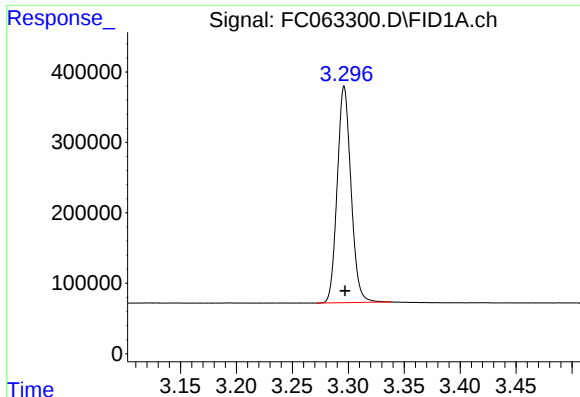
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

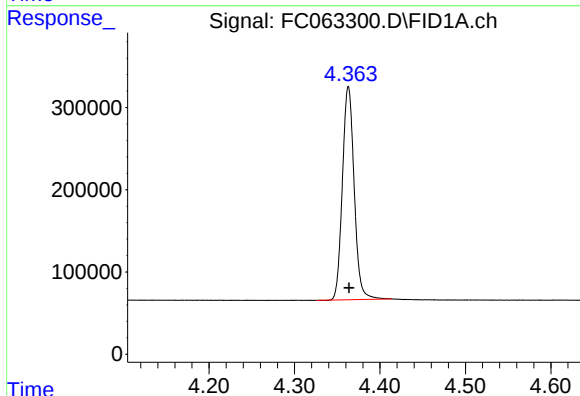
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2629431
Conc: 18.73 ug/ml

Instrument :

FID_C

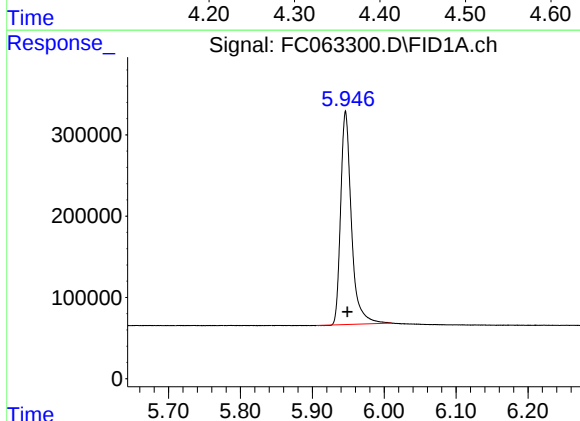
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



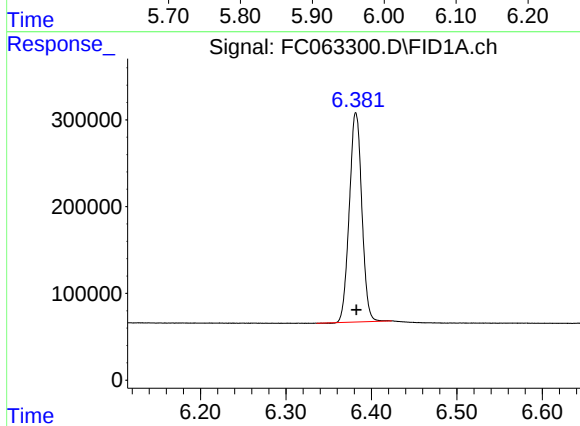
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2481642
Conc: 18.21 ug/ml



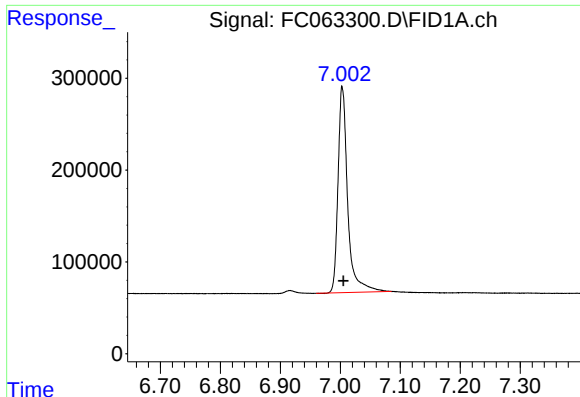
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 2723014
Conc: 18.03 ug/ml



#4 n-Dodecane (C12)

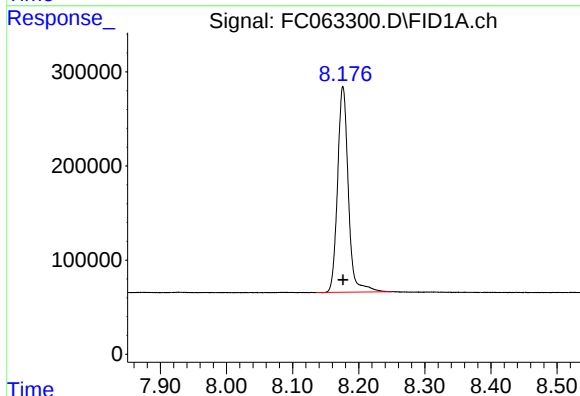
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2452835
Conc: 18.23 ug/ml



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

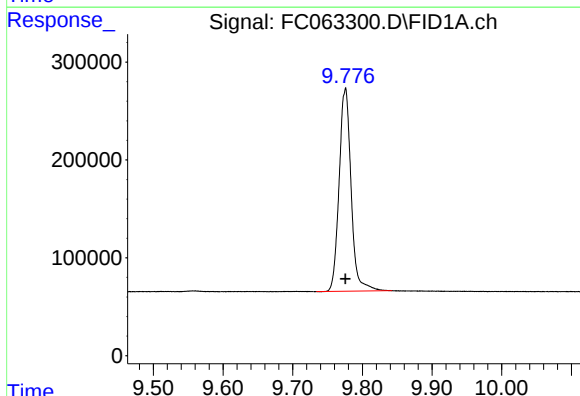
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 2518363
Conc: 18.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



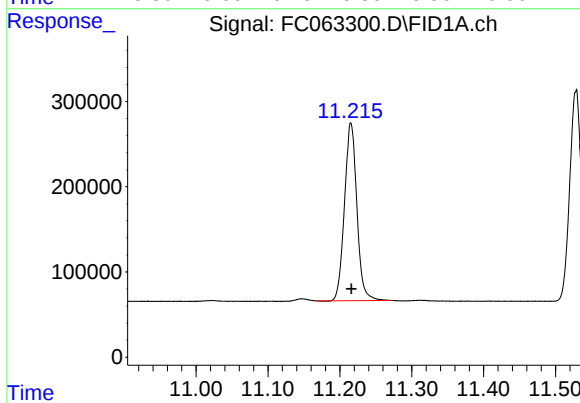
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2475104
Conc: 18.28 ug/ml



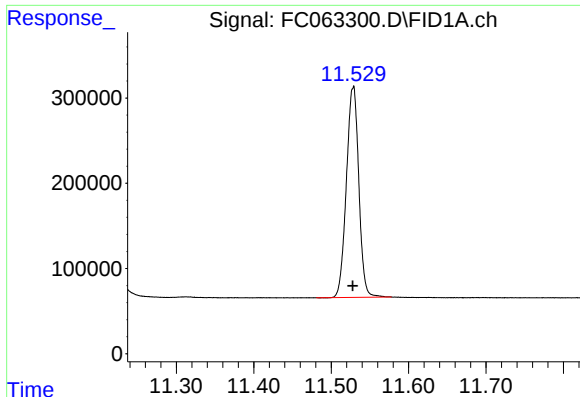
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2477055
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 2499234
Conc: 18.04 ug/ml



#9 ortho-Terphenyl (SURR)

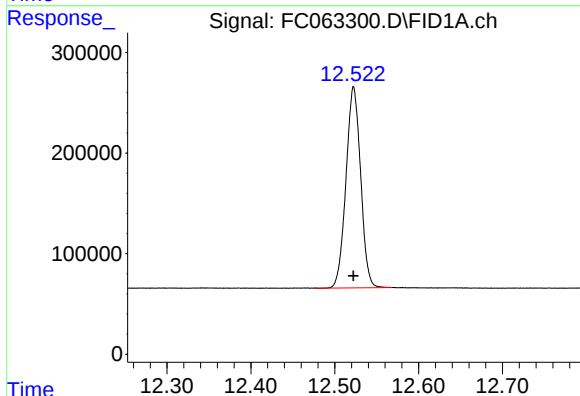
R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 2754346
Conc: 18.10 ug/ml

Instrument :

FID_C

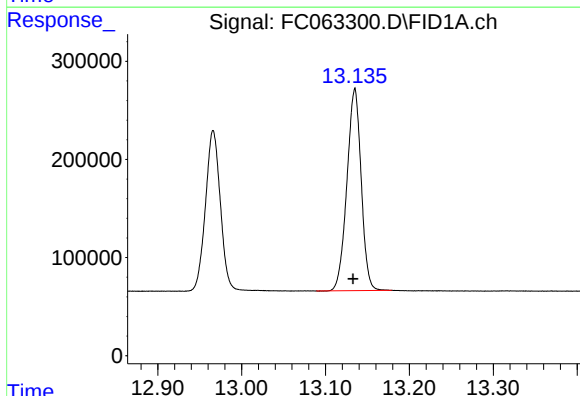
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



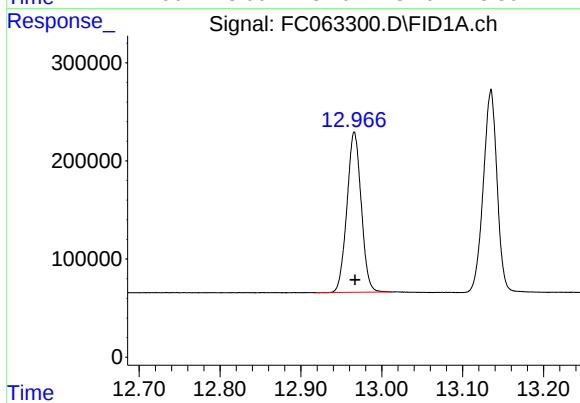
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2425734
Conc: 18.06 ug/ml



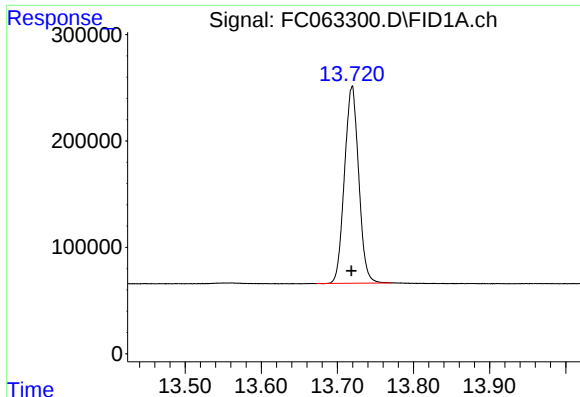
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2431268
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

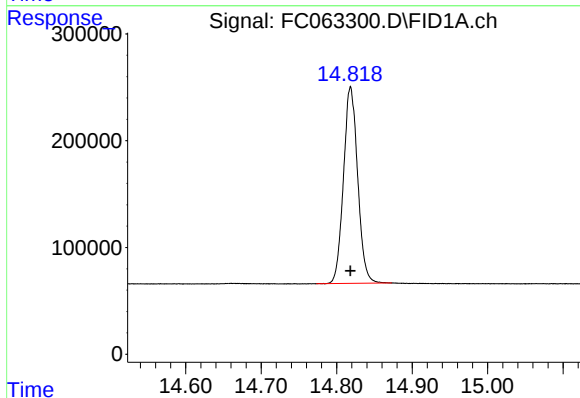
R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 2003135
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

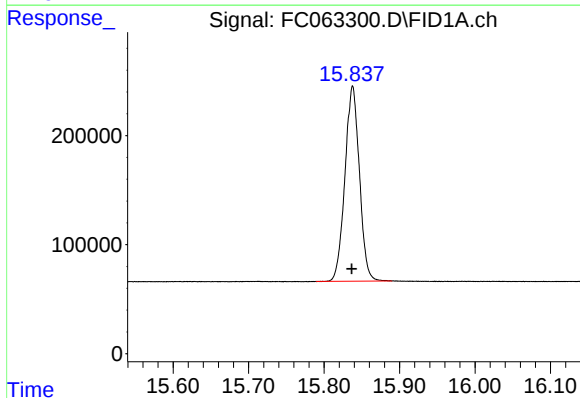
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2400743
Conc: 18.00 ug/ml

Instrument :
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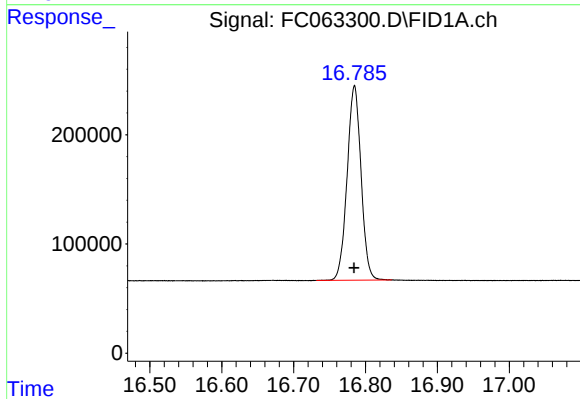
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2403816
Conc: 17.88 ug/ml



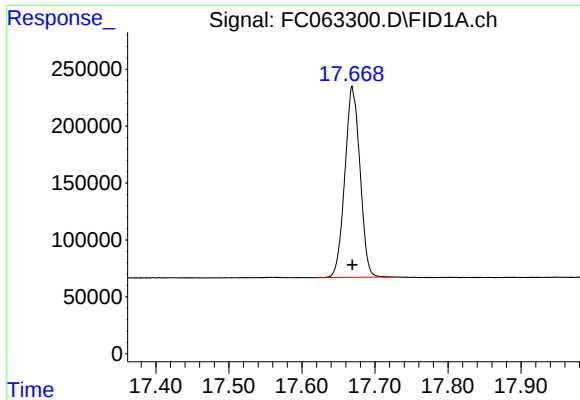
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 2389119
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

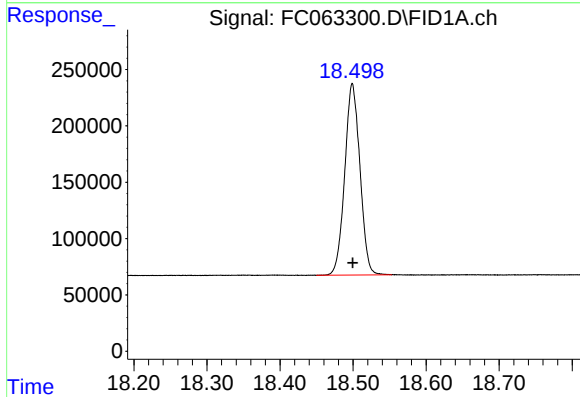
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2392835
Conc: 17.67 ug/ml



#17 n-Tricontane (C30)

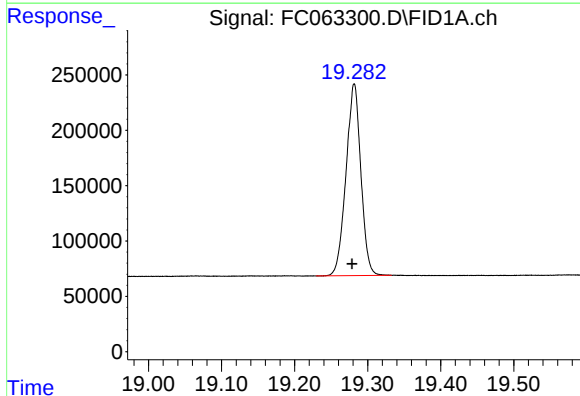
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 2411413
Conc: 17.43 ug/ml

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20 PPM ALIPHATIC HC STD ICV



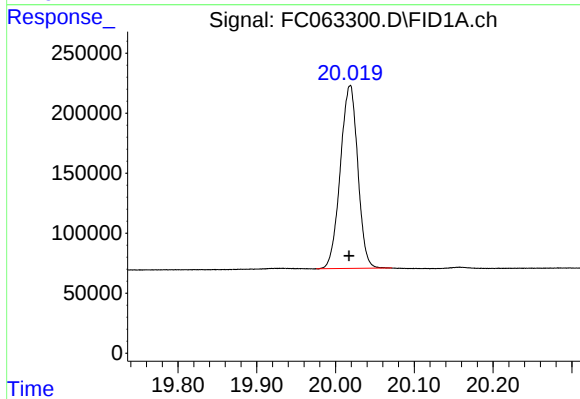
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 2453927
Conc: 17.38 ug/ml



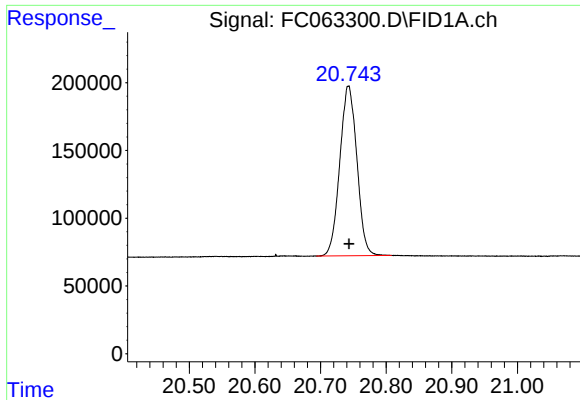
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.003 min
Response: 2448471
Conc: 17.74 ug/ml



#20 n-Hexatriacontane (C36)

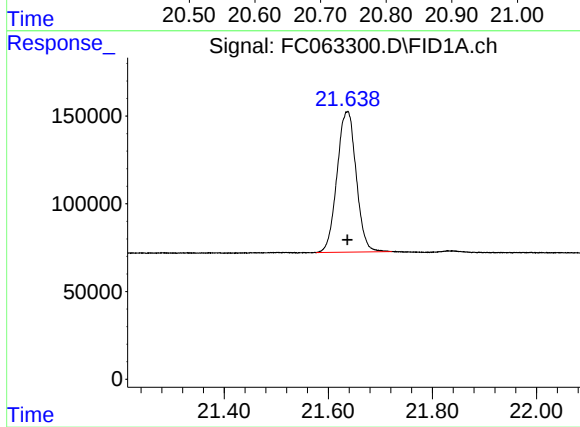
R.T.: 20.019 min
Delta R.T.: 0.001 min
Response: 2347459
Conc: 18.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.000 min
Response: 2268347
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: 0.000 min
Response: 2048305
Conc: 17.41 ug/ml