

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064788.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 12:21
 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: Oct 10 13:00:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.520	4367136	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	12.953	3089030	20.602 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.322	3787744	20.623 ug/ml
2) T n-Decane (C10)	4.382	3761299	20.562 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3920473	20.671 ug/ml
4) T n-Dodecane (C12)	6.391	3832184	20.560 ug/ml
5) T A~2-methylnaphthalene...	7.017	3705975	21.162 ug/ml
6) T n-Tetradecane (C14)	8.177	3716950	20.696 ug/ml
7) T n-Hexadecane (C16)	9.772	3687234	20.729 ug/ml
8) T n-Octadecane (C18)	11.205	3690450	20.566 ug/ml
10) T n-Eicosane (C20)	12.510	3531518	20.509 ug/ml
11) T n-Heneicosane (C21)	13.118	3455844	20.406 ug/ml
13) T n-Docosane (C22)	13.703	3373070	20.471 ug/ml
14) T n-Tetracosane (C24)	14.802	3242763	20.374 ug/ml
15) T n-Hexacosane (C26)	15.818	3107332	20.285 ug/ml
16) T n-Octacosane (C28)	16.764	2975476	20.191 ug/ml
17) T n-Tricontane (C30)	17.647	2954755	20.195 ug/ml
18) T n-Dotriacontane (C32)	18.474	2909564	20.150 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2845724	20.225 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2810344	20.313 ug/ml
21) T n-Octatriacontane (C38)	20.710	2694929	20.345 ug/ml
22) T n-Tetracontane (C40)	21.595	2428069	19.401 ug/ml

(f)=RT Delta > 1/2 Window

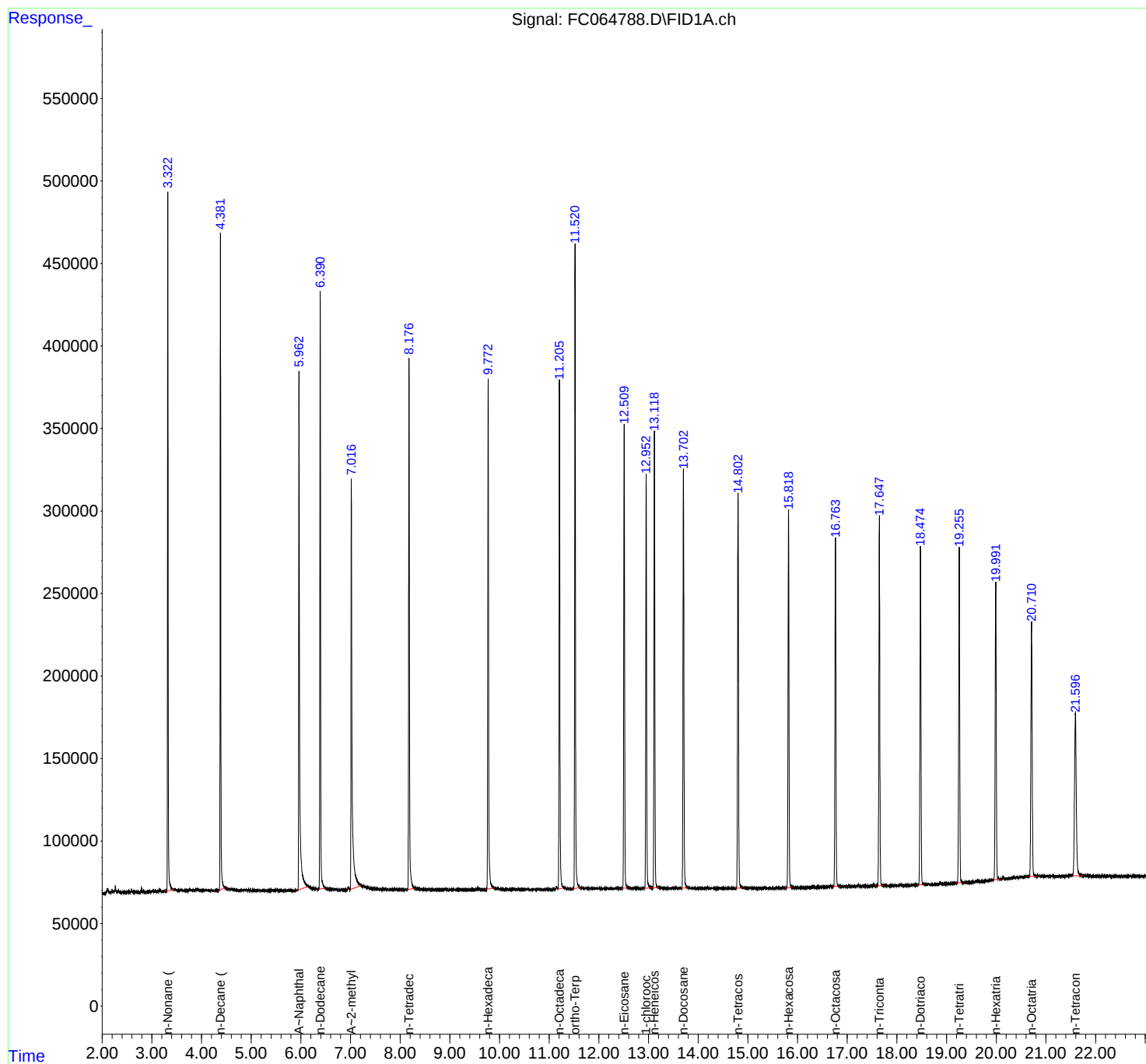
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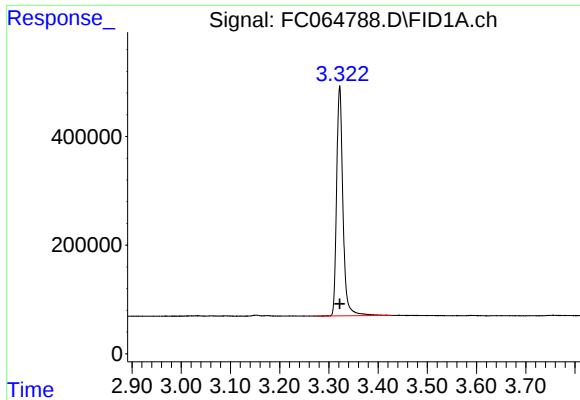
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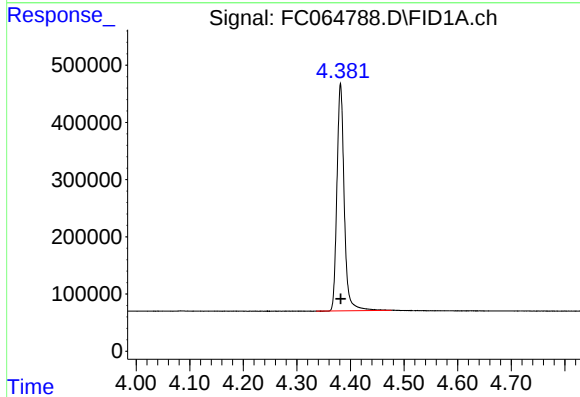




#1 n-Nonane (C9)

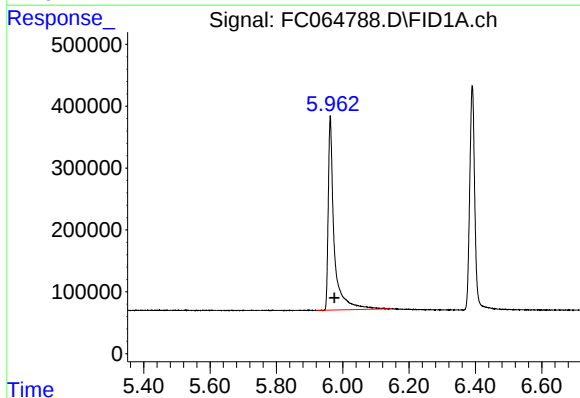
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 3787744
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



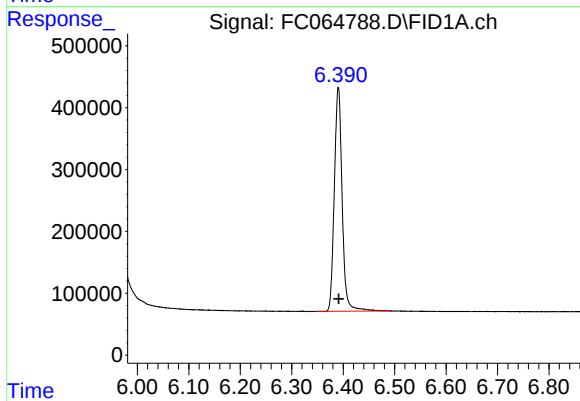
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 3761299
Conc: 20.56 ug/ml



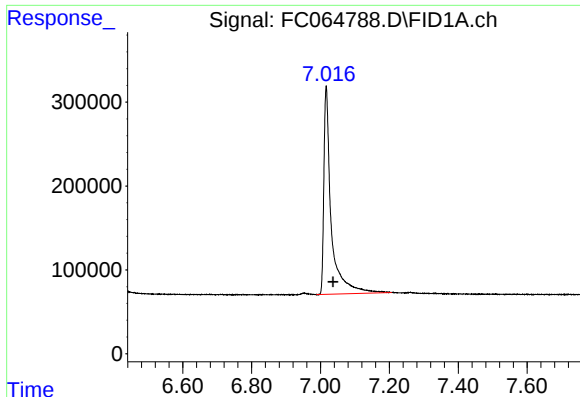
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.013 min
Response: 3920473
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3832184
Conc: 20.56 ug/ml



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

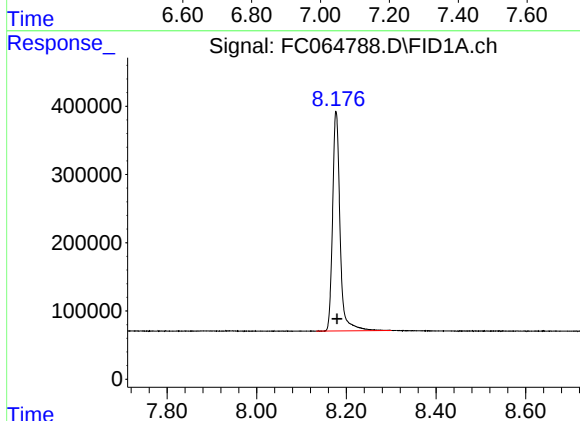
R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 3705975
Conc: 21.16 ug/ml

Instrument :

FID_C

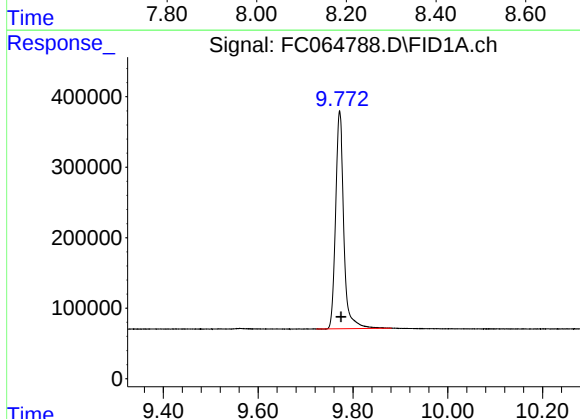
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



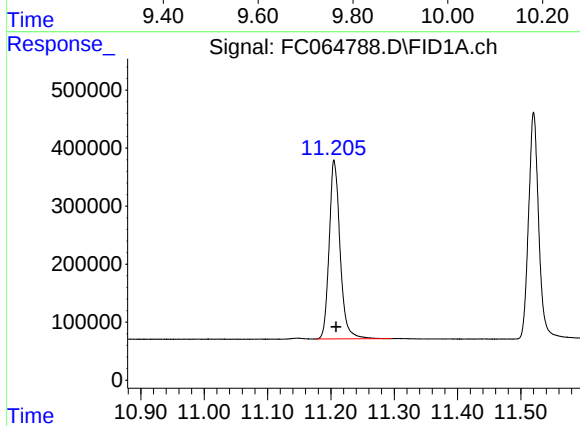
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 3716950
Conc: 20.70 ug/ml



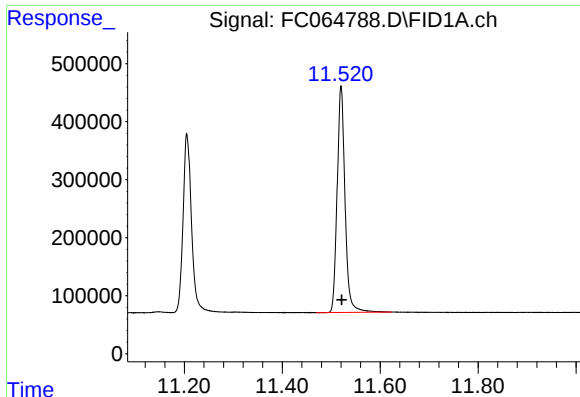
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.003 min
Response: 3687234
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

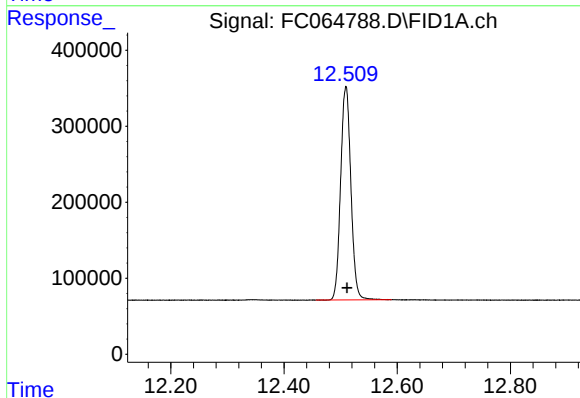
R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3690450
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

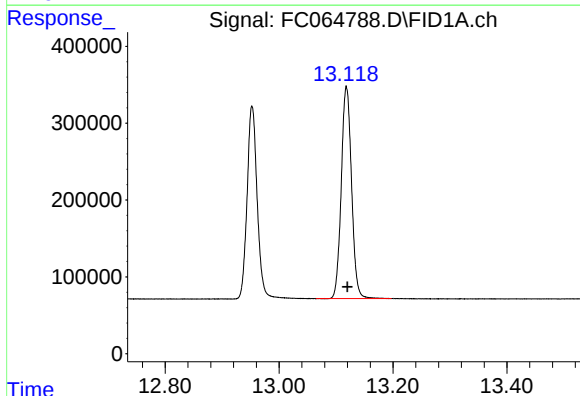
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 4367136
Conc: 20.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



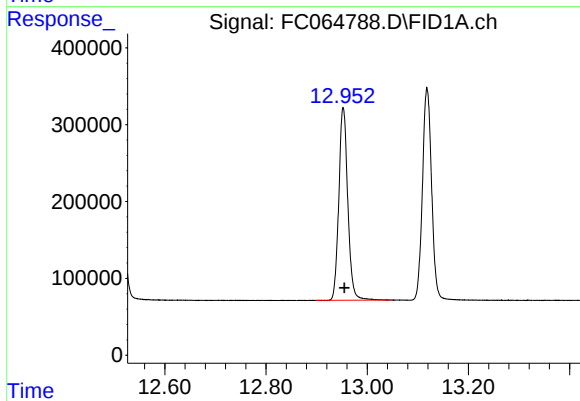
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.002 min
Response: 3531518
Conc: 20.51 ug/ml



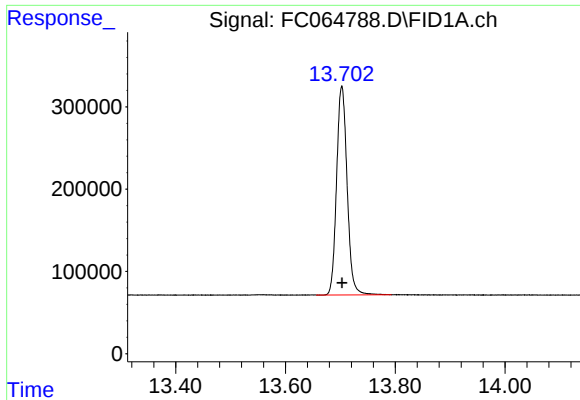
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.001 min
Response: 3455844
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

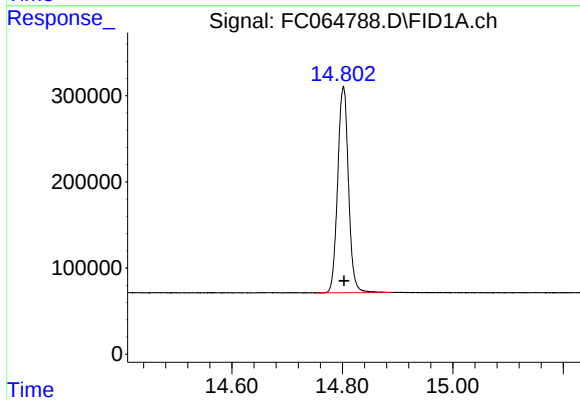
R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3089030
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

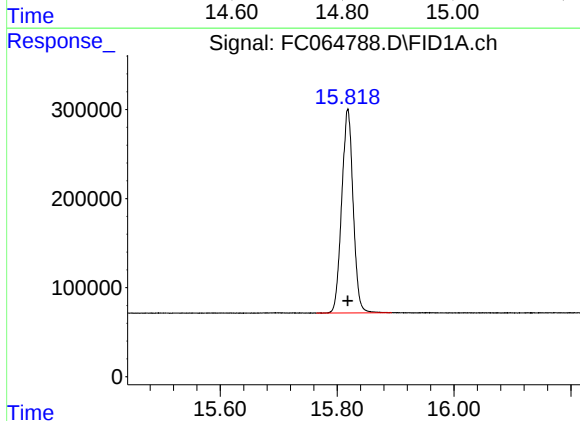
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 3373070
Conc: 20.47 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD ICV



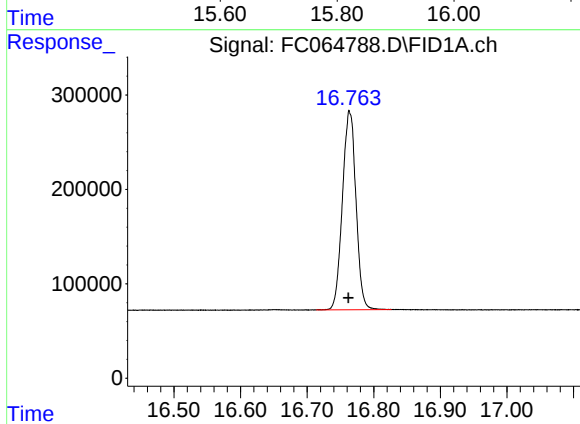
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.001 min
Response: 3242763
Conc: 20.37 ug/ml



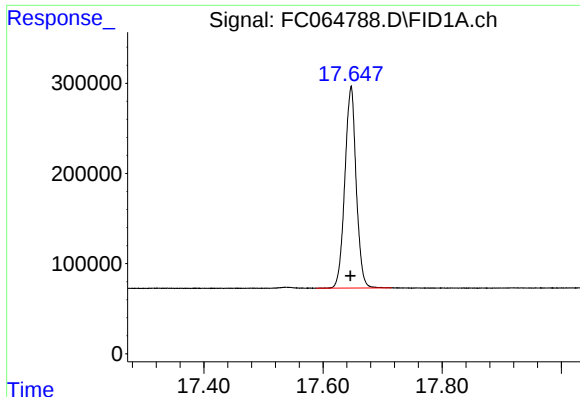
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3107332
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2975476
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

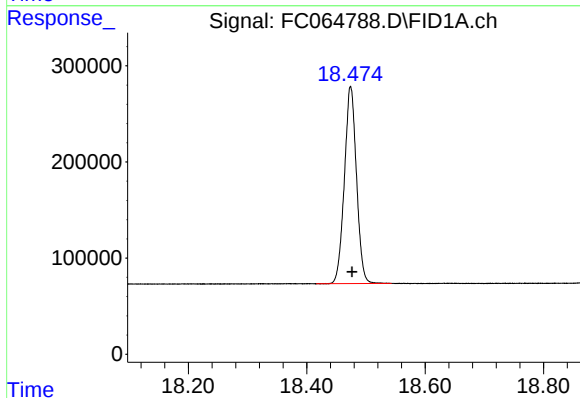
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 2954755
Conc: 20.19 ug/ml

Instrument :

FID_C

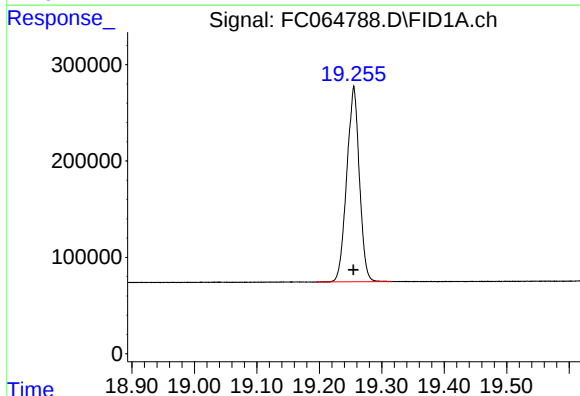
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



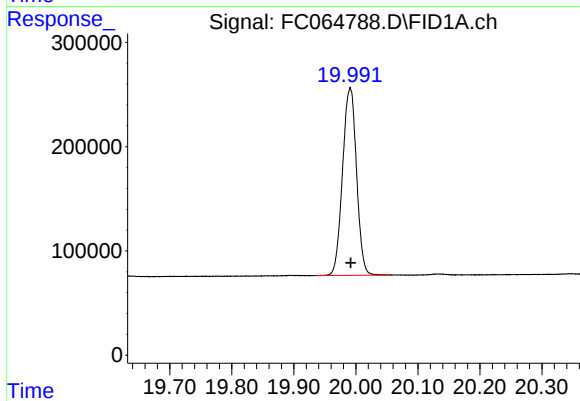
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.003 min
Response: 2909564
Conc: 20.15 ug/ml



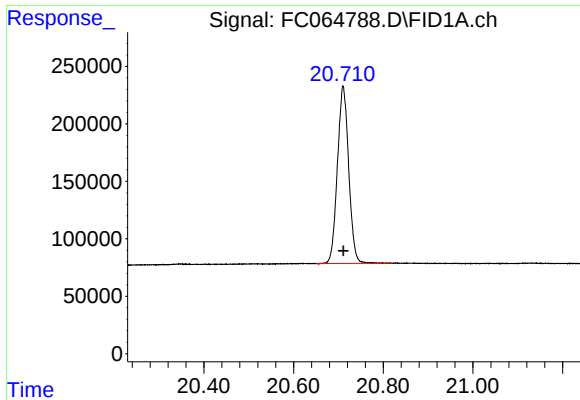
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 2845724
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

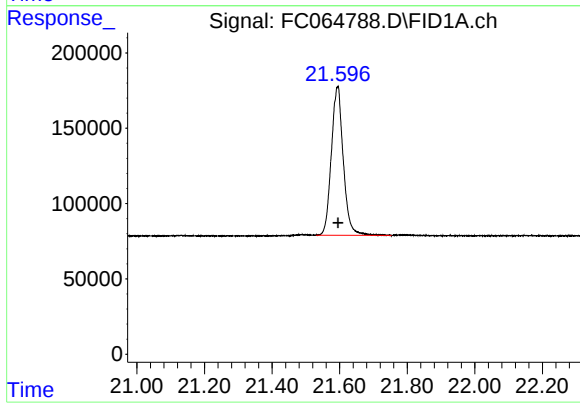
R.T.: 19.991 min
Delta R.T.: -0.001 min
Response: 2810344
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.000 min
Response: 2694929
Conc: 20.34 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.000 min
Response: 2428069
Conc: 19.40 ug/ml