

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101323AL\
 Data File : FC064829.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2023 07:46
 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: Oct 14 08:11:58 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)	11.518	4735428	22.178 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
12) S 1-chlorooctadecane (S...	12.952	3410986	22.749 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
Target Compounds			
1) T n-Nonane (C9)	3.319	4144797	22.567 ug/ml
2) T n-Decane (C10)	4.378	4137772	22.620 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4248938	22.402 ug/ml
4) T n-Dodecane (C12)	6.387	4238171	22.738 ug/ml
5) T A~2-methylnaphthalene...	7.014	4026964	22.995 ug/ml
6) T n-Tetradecane (C14)	8.175	4116233	22.919 ug/ml
7) T n-Hexadecane (C16)	9.770	4101485	23.057 ug/ml
8) T n-Octadecane (C18)	11.205	4075829	22.714 ug/ml
10) T n-Eicosane (C20)	12.507	3878206	22.523 ug/ml
11) T n-Heneicosane (C21)	13.117	3787466	22.364 ug/ml
13) T n-Docosane (C22)	13.703	3692499	22.410 ug/ml
14) T n-Tetracosane (C24)	14.800	3535567	22.214 ug/ml
15) T n-Hexacosane (C26)	15.815	3374792	22.031 ug/ml
16) T n-Octacosane (C28)	16.760	3232258	21.934 ug/ml
17) T n-Tricontane (C30)	17.644	3224685	22.040 ug/ml
18) T n-Dotriacontane (C32)	18.471	3164541	21.916 ug/ml
19) T n-Tetratriacontane (C34)	19.251	3029015	21.528 ug/ml
20) T n-Hexatriacontane (C36)	19.986	2956830	21.372 ug/ml
21) T n-Octatriacontane (C38)	20.708	2886565	21.791 ug/ml
22) T n-Tetracontane (C40)	21.586	2781490	22.225 ug/ml

(f)=RT Delta > 1/2 Window

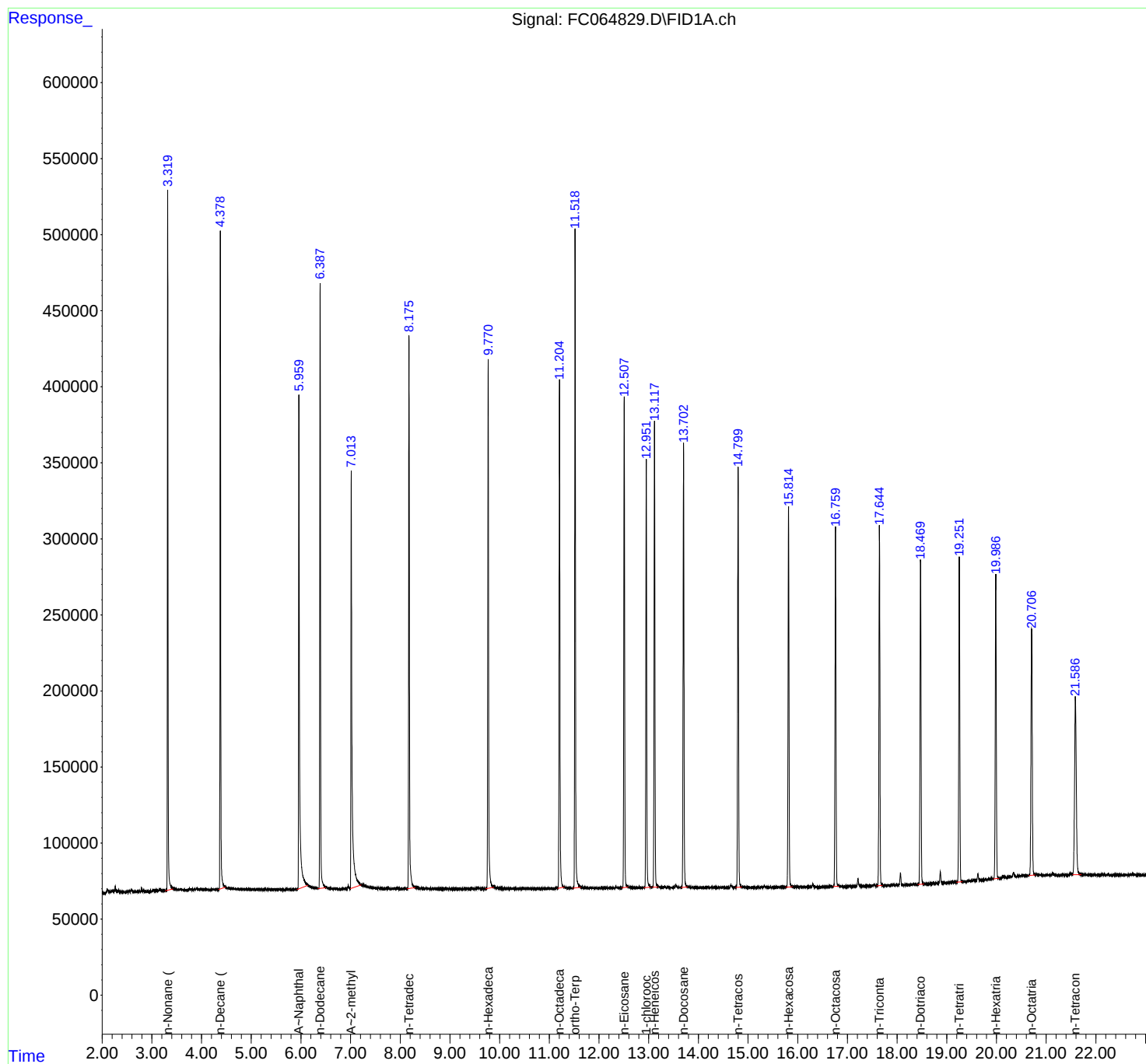
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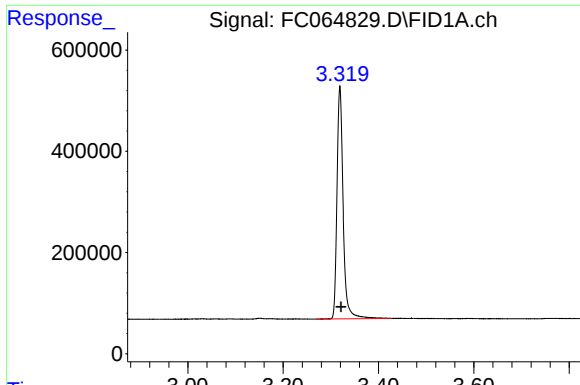
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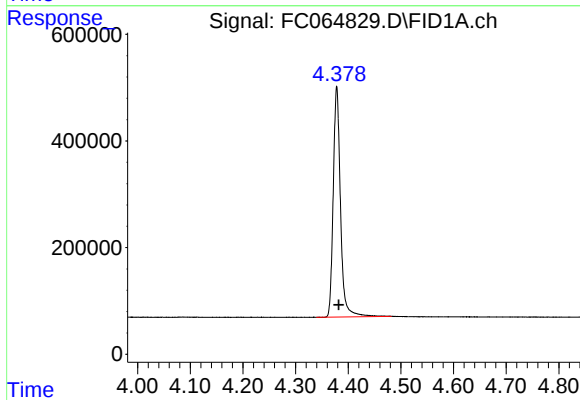




#1 n-Nonane (C9)

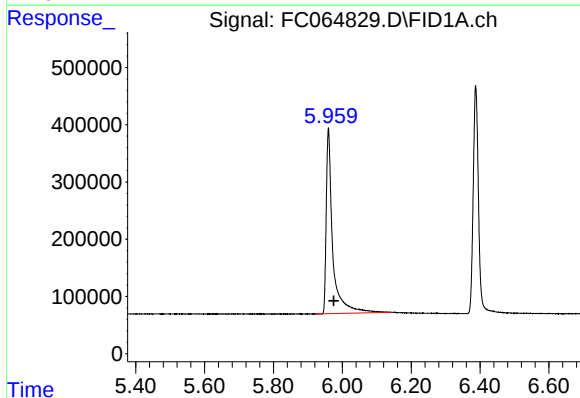
R.T.: 3.319 min
Delta R.T.: -0.003 min
Response: 4144797
Conc: 22.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



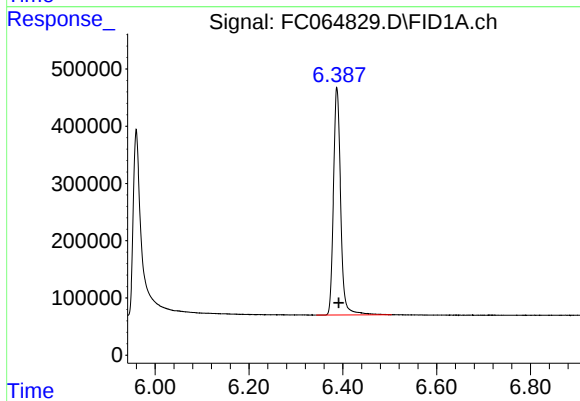
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.004 min
Response: 4137772
Conc: 22.62 ug/ml



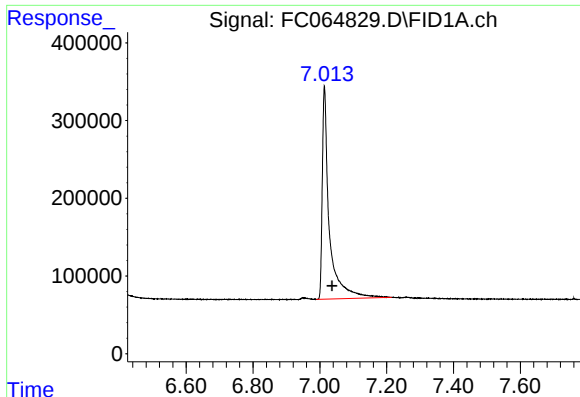
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.016 min
Response: 4248938
Conc: 22.40 ug/ml



#4 n-Dodecane (C12)

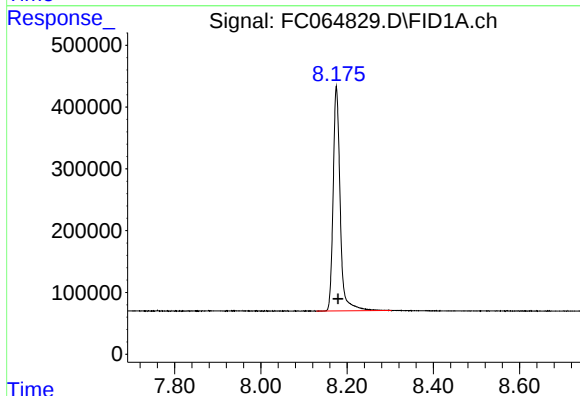
R.T.: 6.387 min
Delta R.T.: -0.004 min
Response: 4238171
Conc: 22.74 ug/ml



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

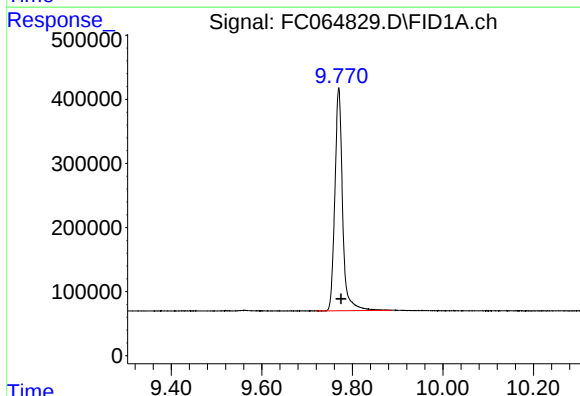
R.T.: 7.014 min
Delta R.T.: -0.022 min
Response: 4026964
Conc: 22.99 ug/ml

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20 PPM ALIPHATIC HC STD



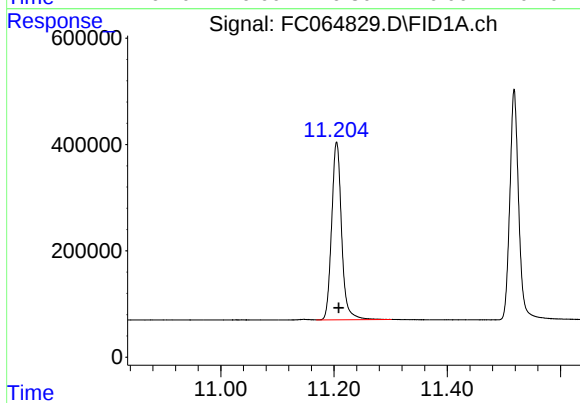
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 4116233
Conc: 22.92 ug/ml



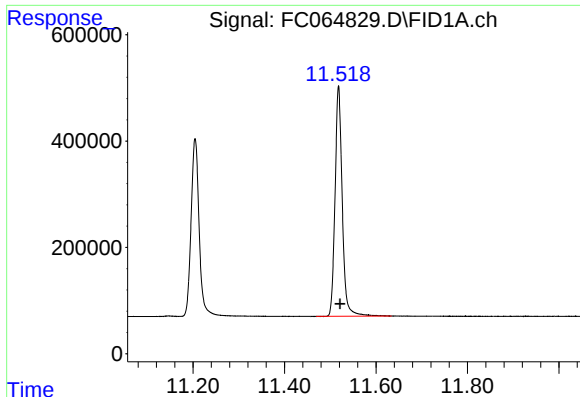
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.005 min
Response: 4101485
Conc: 23.06 ug/ml



#8 n-Octadecane (C18)

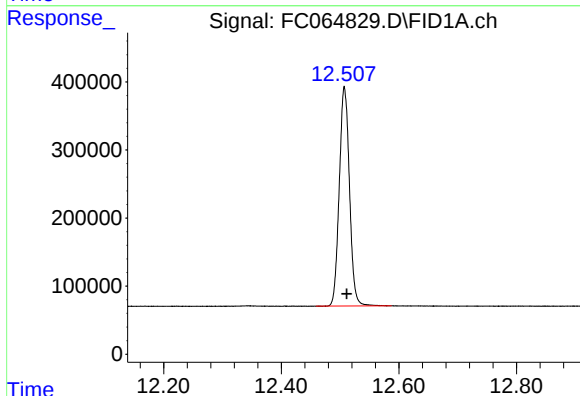
R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 4075829
Conc: 22.71 ug/ml



#9 ortho-Terphenyl (SURR)

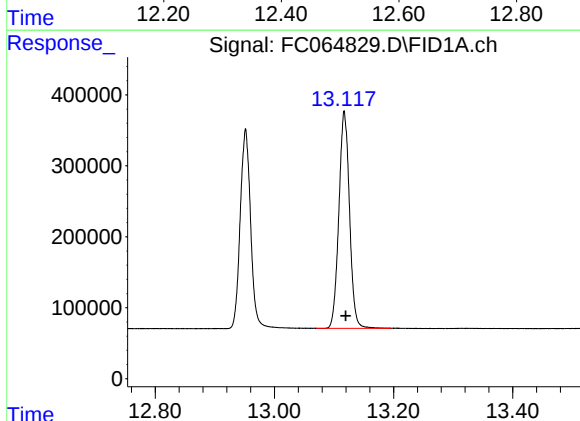
R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 4735428
Conc: 22.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



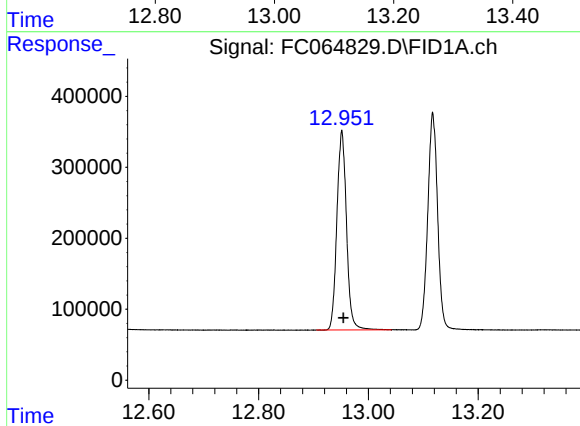
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.004 min
Response: 3878206
Conc: 22.52 ug/ml



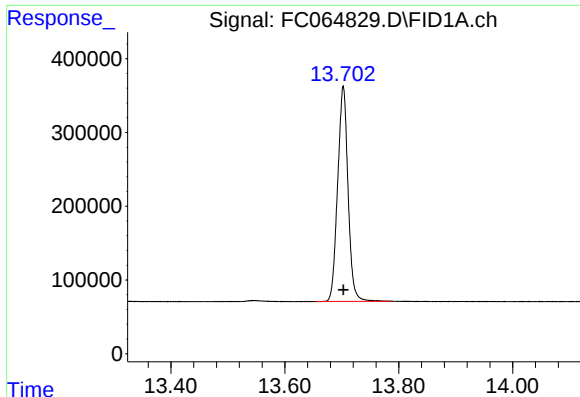
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.002 min
Response: 3787466
Conc: 22.36 ug/ml



#12 1-chlorooctadecane (SURR)

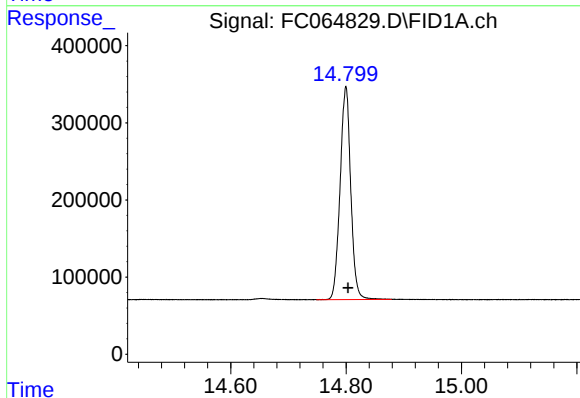
R.T.: 12.952 min
Delta R.T.: -0.003 min
Response: 3410986
Conc: 22.75 ug/ml



#13 n-Docosane (C22)

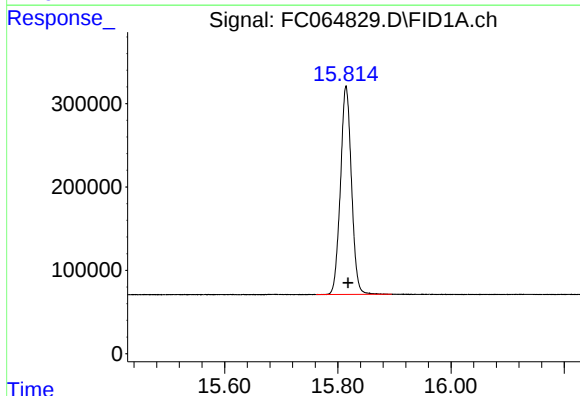
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 3692499
Conc: 22.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



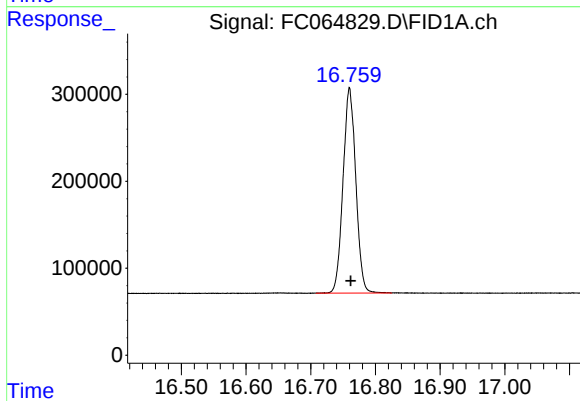
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 3535567
Conc: 22.21 ug/ml



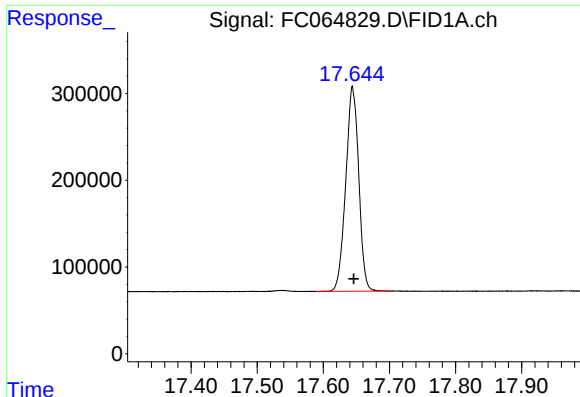
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: -0.003 min
Response: 3374792
Conc: 22.03 ug/ml



#16 n-Octacosane (C28)

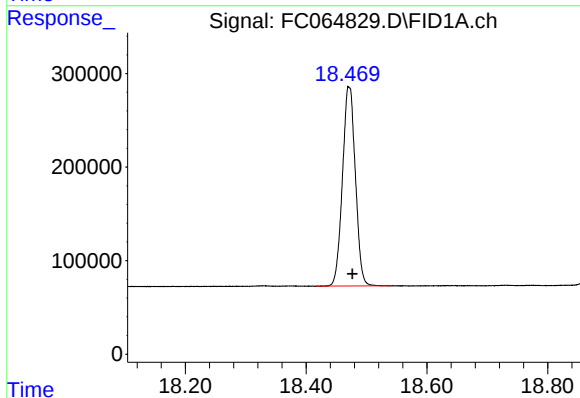
R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 3232258
Conc: 21.93 ug/ml



#17 n-Tricontane (C30)

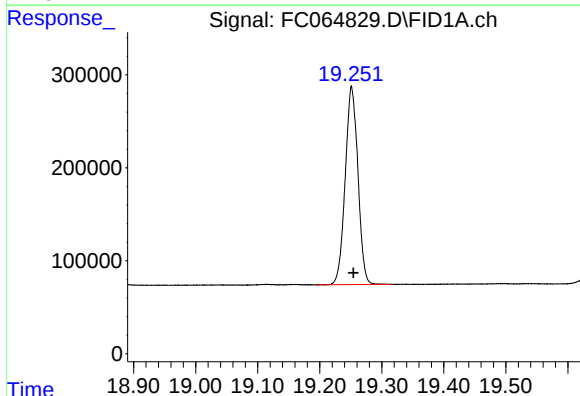
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 3224685
Conc: 22.04 ug/ml

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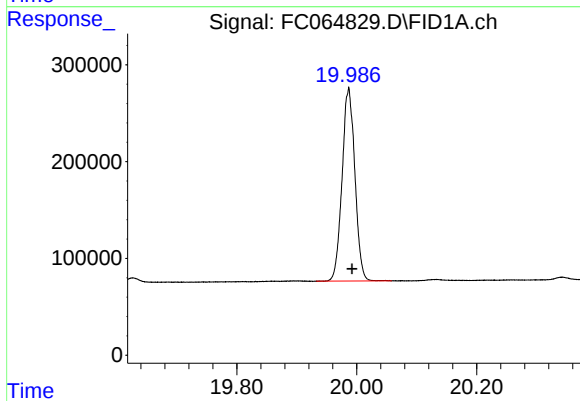
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.006 min
Response: 3164541
Conc: 21.92 ug/ml



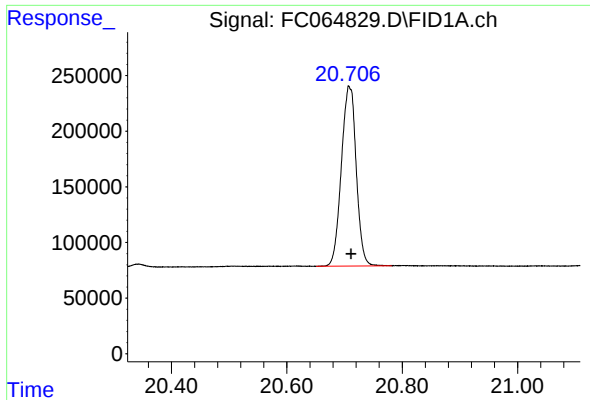
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.003 min
Response: 3029015
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

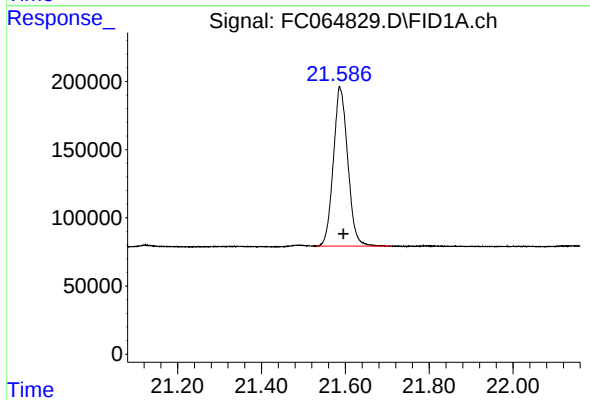
R.T.: 19.986 min
Delta R.T.: -0.006 min
Response: 2956830
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.003 min
Response: 2886565
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: -0.009 min
Response: 2781490
Conc: 22.23 ug/ml