

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081823AL\
 Data File : FC064368.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 16:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 16:50:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.511	4271621	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.945	3097507	20.315 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.308	3564599	20.196 ug/ml
2) T n-Decane (C10)	4.366	3549877	20.236 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3658489	19.674 ug/ml
4) T n-Dodecane (C12)	6.377	3622709	20.324 ug/ml
5) T A~2-methylnaphthalene...	7.000	3573859	20.090 ug/ml
6) T n-Tetradecane (C14)	8.166	3529727	20.233 ug/ml
7) T n-Hexadecane (C16)	9.761	3513162	20.329 ug/ml
8) T n-Octadecane (C18)	11.199	3529046	20.157 ug/ml
10) T n-Eicosane (C20)	12.503	3405125	20.130 ug/ml
11) T n-Heneicosane (C21)	13.111	3359850	20.130 ug/ml
13) T n-Docosane (C22)	13.697	3289736	20.169 ug/ml
14) T n-Tetracosane (C24)	14.796	3214049	20.183 ug/ml
15) T n-Hexacosane (C26)	15.812	3118633	20.186 ug/ml
16) T n-Octacosane (C28)	16.760	2994047	20.223 ug/ml
17) T n-Tricontane (C30)	17.643	2956509	20.241 ug/ml
18) T n-Dotriacontane (C32)	18.471	2845446	20.144 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2692987	20.155 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2581891	20.177 ug/ml
21) T n-Octatriacontane (C38)	20.709	2473574	20.144 ug/ml
22) T n-Tetracontane (C40)	21.592	2349645	20.233 ug/ml

(f)=RT Delta > 1/2 Window

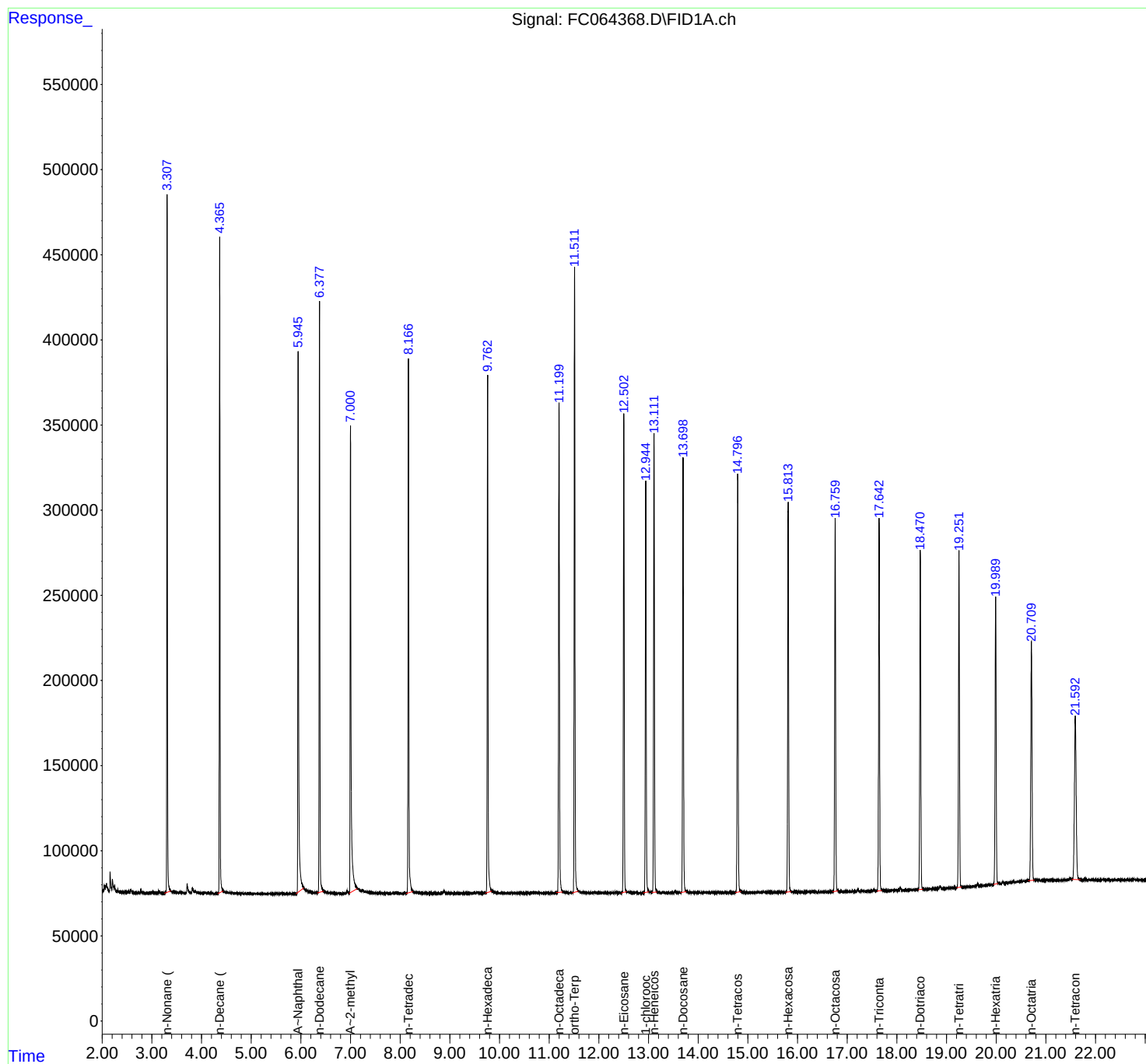
(m)=manual int.

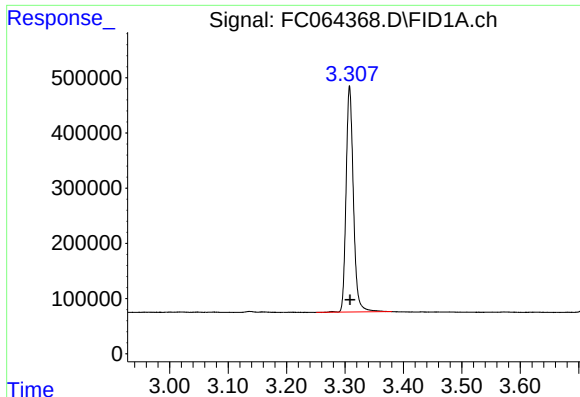
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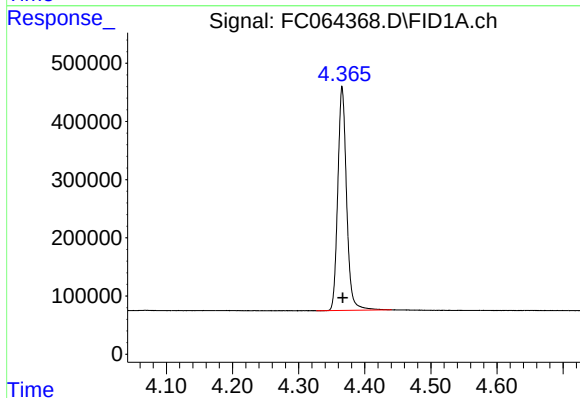




#1 n-Nonane (C9)

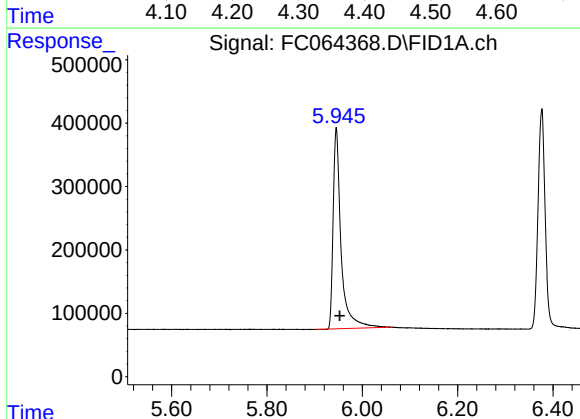
R.T.: 3.308 min
Delta R.T.: -0.001 min
Response: 3564599
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



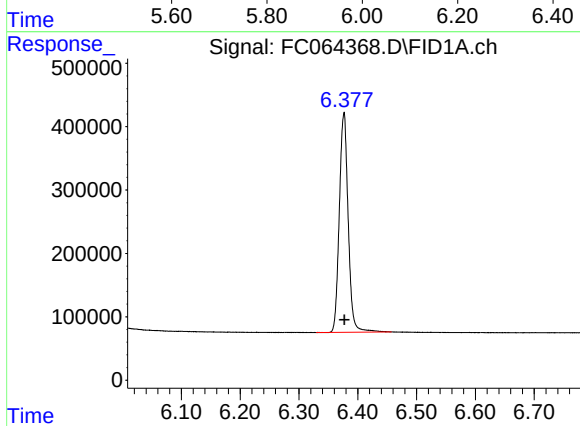
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3549877
Conc: 20.24 ug/ml



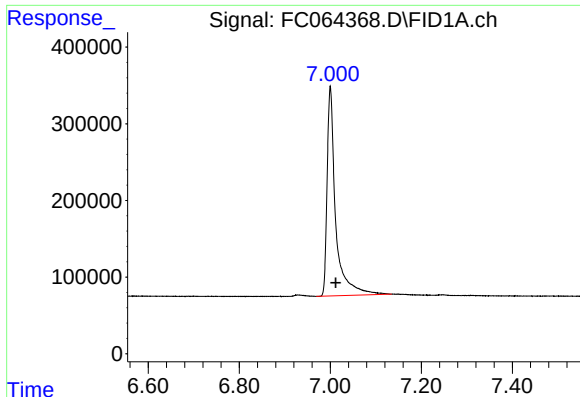
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 3658489
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

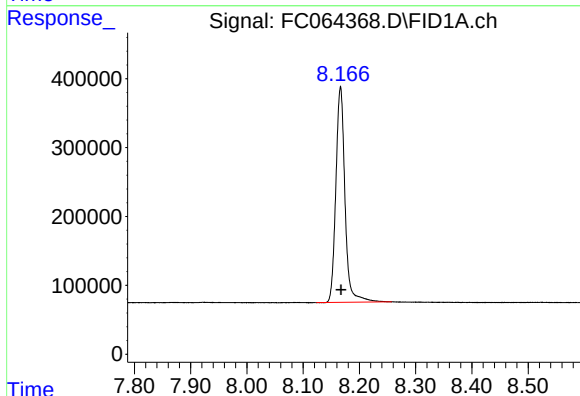
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 3622709
Conc: 20.32 ug/ml



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

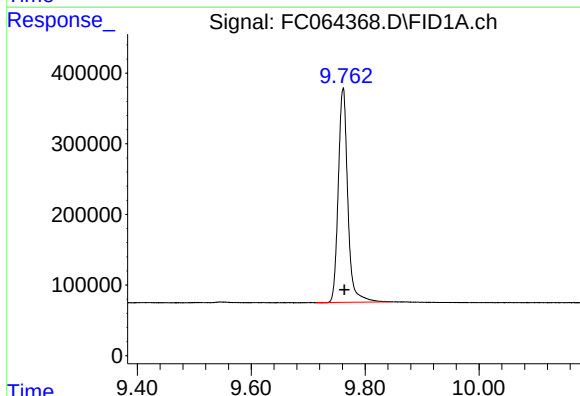
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 3573859
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



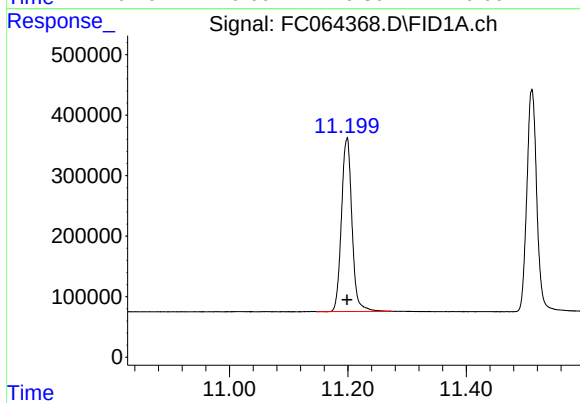
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 3529727
Conc: 20.23 ug/ml



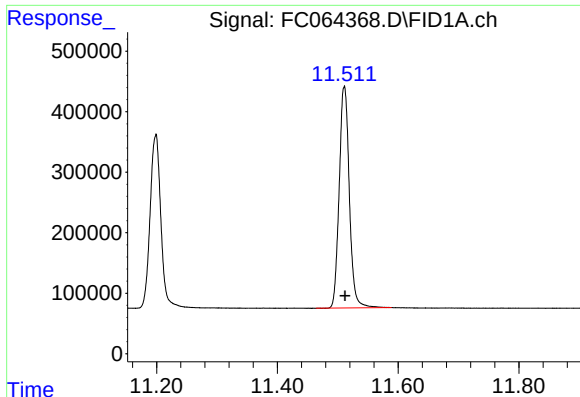
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.002 min
Response: 3513162
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

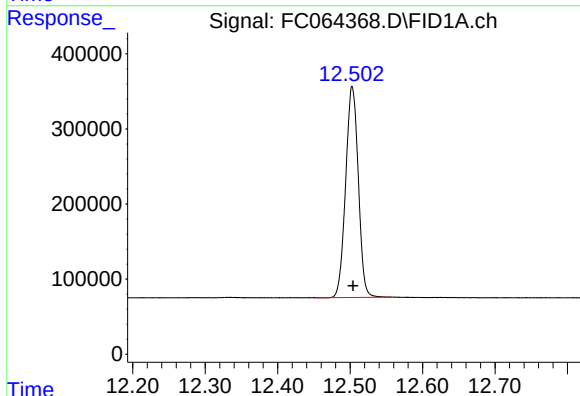
R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 3529046
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

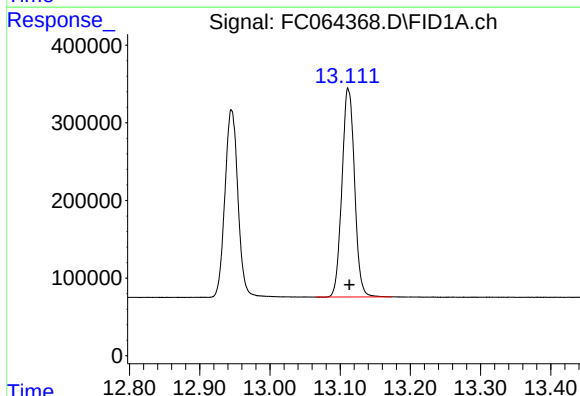
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 4271621
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



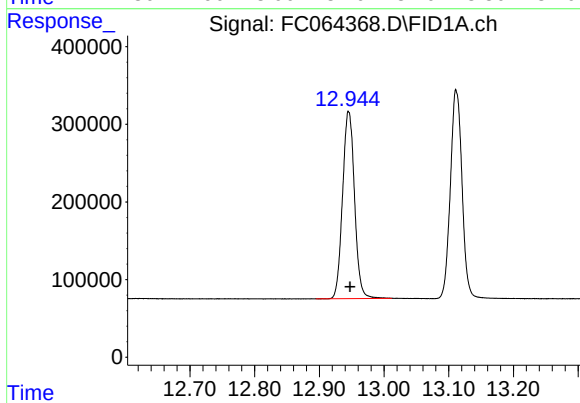
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.001 min
Response: 3405125
Conc: 20.13 ug/ml



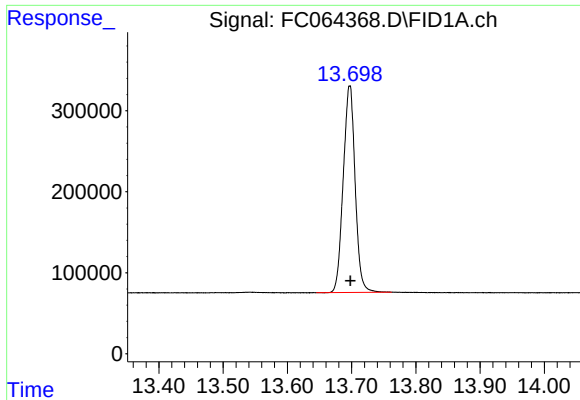
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.001 min
Response: 3359850
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

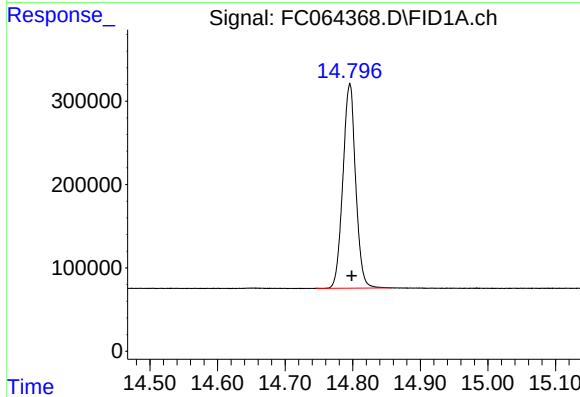
R.T.: 12.945 min
Delta R.T.: -0.002 min
Response: 3097507
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

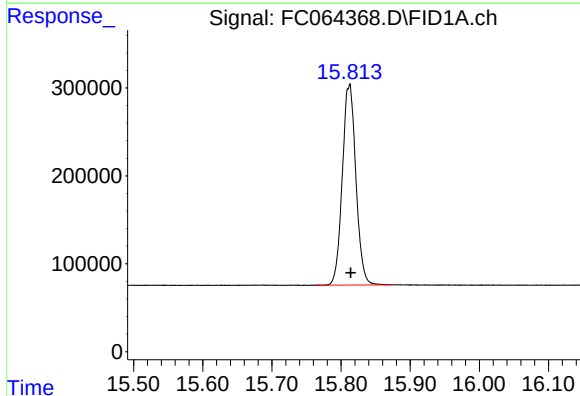
R.T.: 13.697 min
Delta R.T.: -0.001 min
Response: 3289736
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



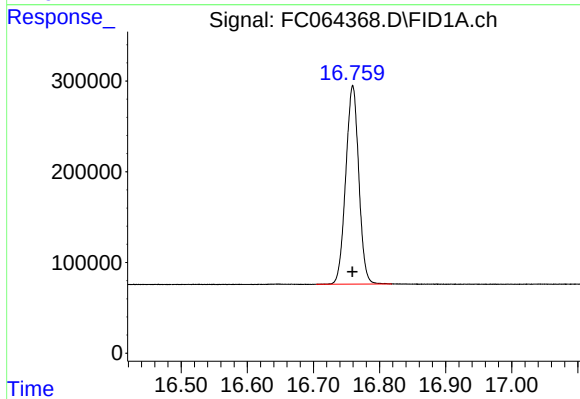
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.003 min
Response: 3214049
Conc: 20.18 ug/ml



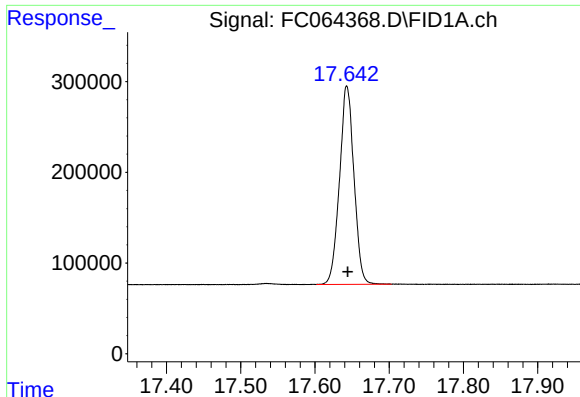
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 3118633
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

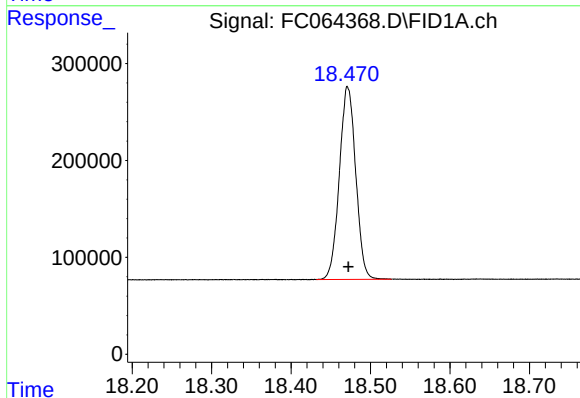
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2994047
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

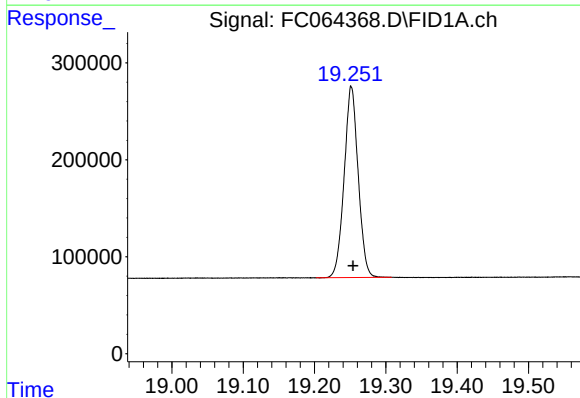
R.T.: 17.643 min
Delta R.T.: -0.001 min
Response: 2956509
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



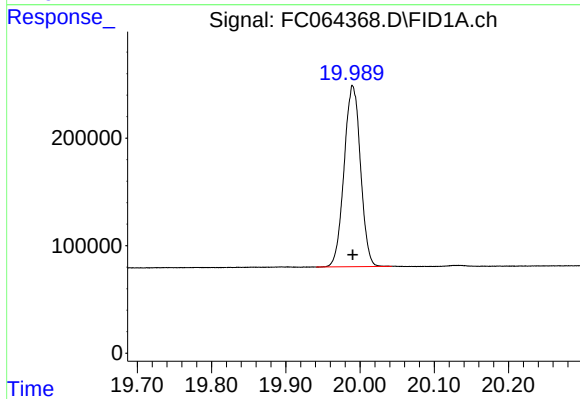
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.000 min
Response: 2845446
Conc: 20.14 ug/ml



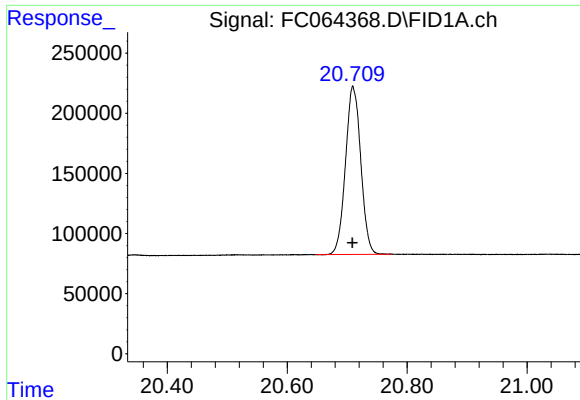
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2692987
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

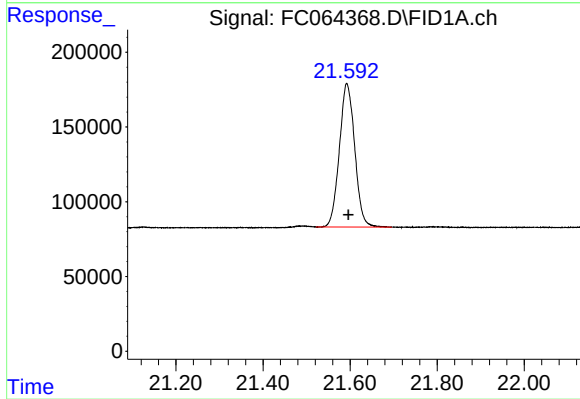
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2581891
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2473574
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.004 min
Response: 2349645
Conc: 20.23 ug/ml