

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082823AL\
 Data File : FC064424.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2023 21:39
 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: Aug 28 22:24:08 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	4270778	20.117 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	12.945	3156476	20.702 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T n-Nonane (C9)	3.307	3374346	19.118 ug/ml
2) T n-Decane (C10)	4.366	3423058	19.513 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3661286	19.689 ug/ml
4) T n-Dodecane (C12)	6.376	3484987	19.552 ug/ml
5) T A~2-methylnaphthalene...	6.997	3564402	20.037 ug/ml
6) T n-Tetradecane (C14)	8.165	3464383	19.858 ug/ml
7) T n-Hexadecane (C16)	9.762	3549744	20.541 ug/ml
8) T n-Octadecane (C18)	11.197	3609890	20.619 ug/ml
10) T n-Eicosane (C20)	12.503	3487501	20.617 ug/ml
11) T n-Heneicosane (C21)	13.111	3430721	20.555 ug/ml
13) T n-Docosane (C22)	13.696	3385516	20.756 ug/ml
14) T n-Tetracosane (C24)	14.794	3290795	20.665 ug/ml
15) T n-Hexacosane (C26)	15.812	3163443	20.476 ug/ml
16) T n-Octacosane (C28)	16.758	3071891	20.749 ug/ml
17) T n-Tricontane (C30)	17.642	3117967	21.346 ug/ml
18) T n-Dotriacontane (C32)	18.470	3046881	21.570 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2852859	21.352 ug/ml
20) T n-Hexatriacontane (C36)	19.986	2700450	21.104 ug/ml
21) T n-Octatriacontane (C38)	20.709	2604432	21.209 ug/ml
22) T n-Tetracontane (C40)	21.590	2538348	21.857 ug/ml

(f)=RT Delta > 1/2 Window

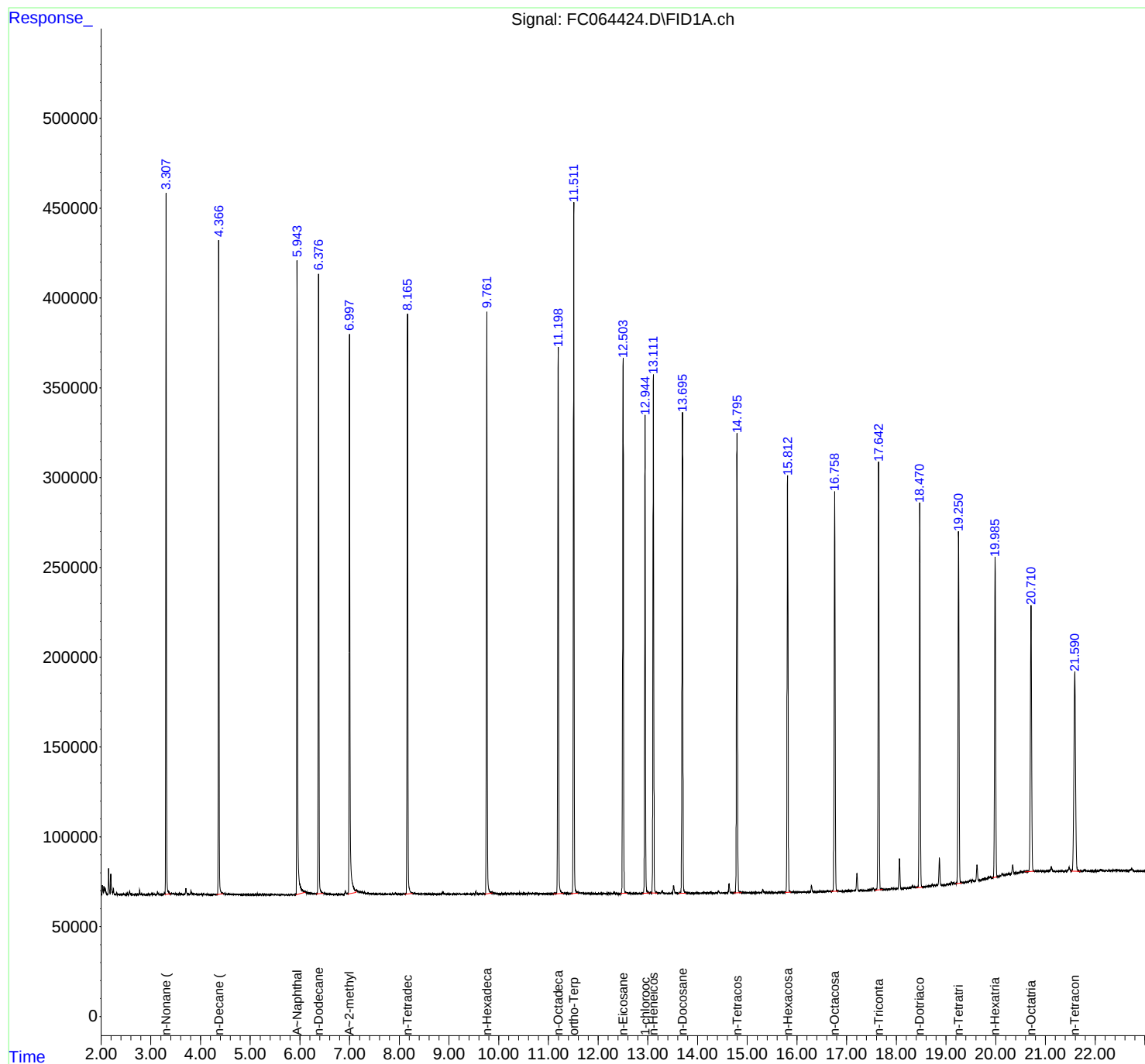
(m)=manual int.

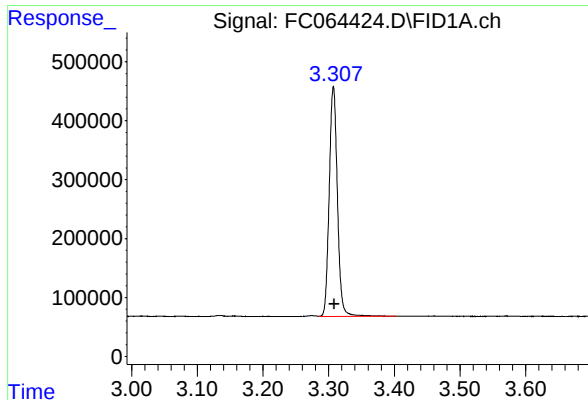
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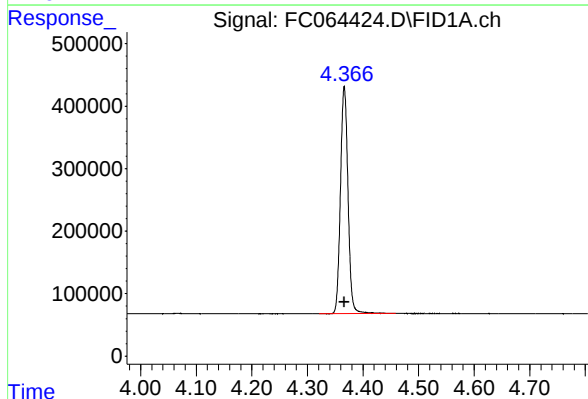




#1 n-Nonane (C9)

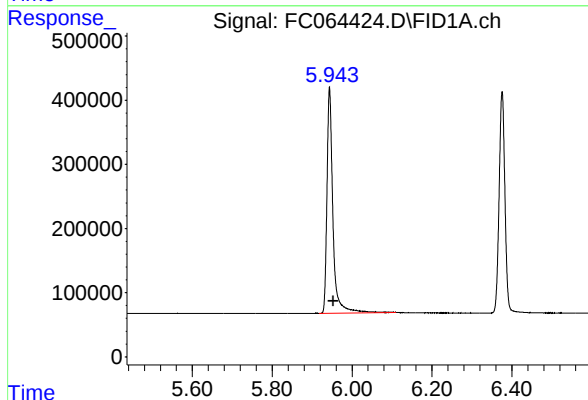
R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 3374346
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



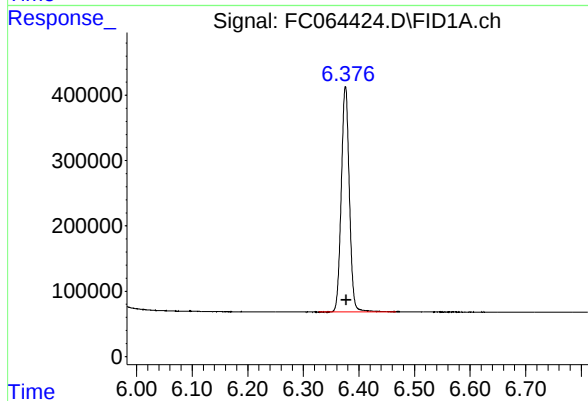
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3423058
Conc: 19.51 ug/ml



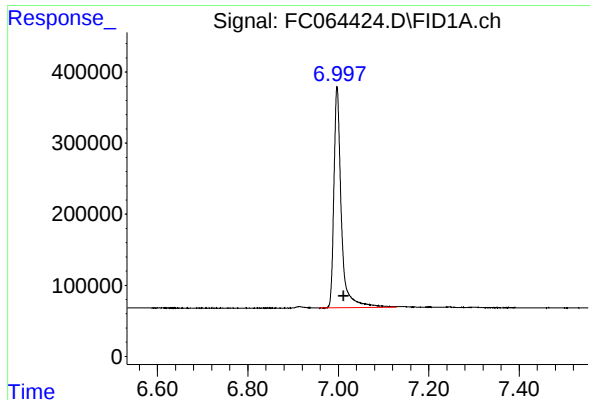
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3661286
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

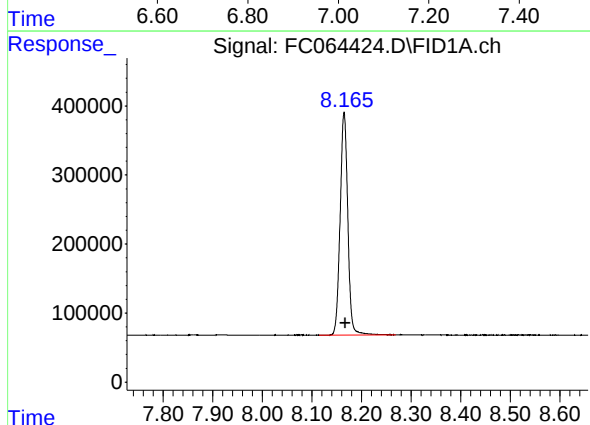
R.T.: 6.376 min
Delta R.T.: -0.001 min
Response: 3484987
Conc: 19.55 ug/ml



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

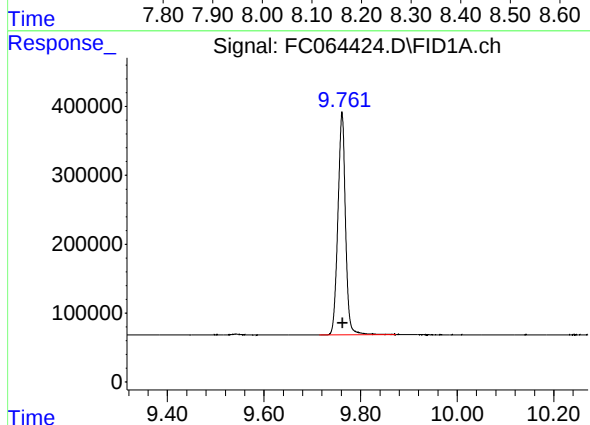
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3564402
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



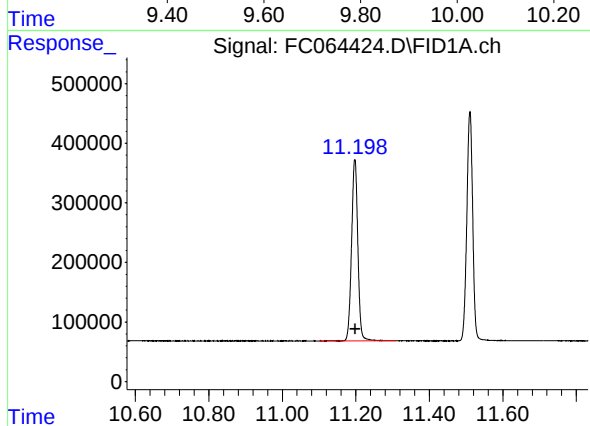
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 3464383
Conc: 19.86 ug/ml



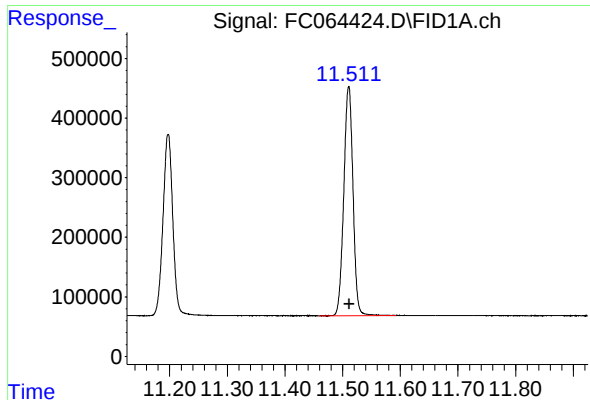
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.002 min
Response: 3549744
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

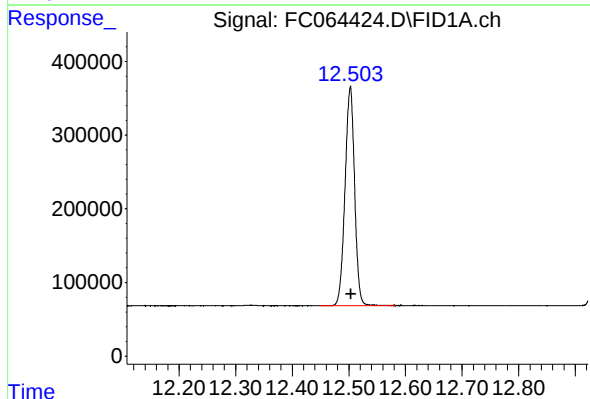
R.T.: 11.197 min
Delta R.T.: -0.001 min
Response: 3609890
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

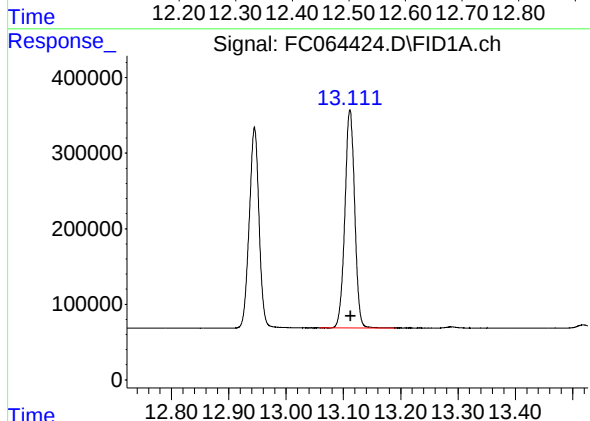
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 4270778
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



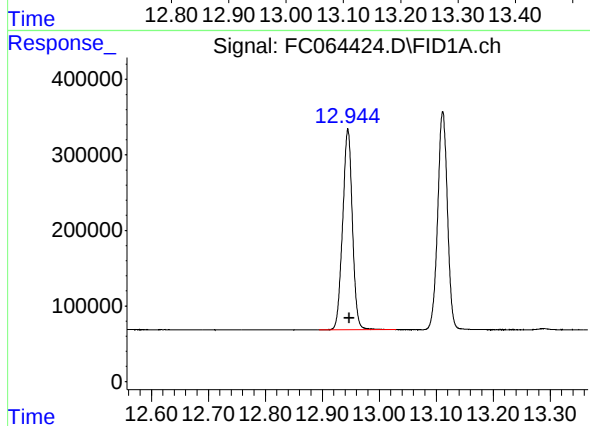
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.001 min
Response: 3487501
Conc: 20.62 ug/ml



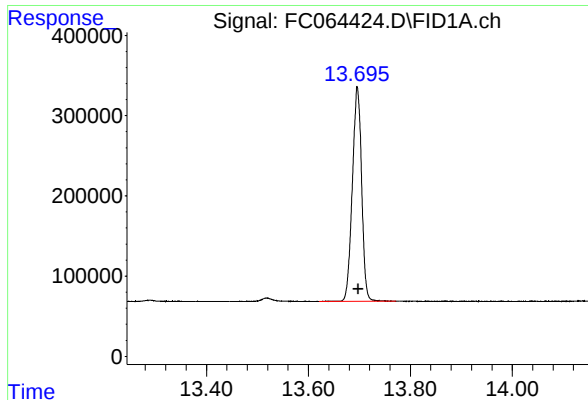
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.001 min
Response: 3430721
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

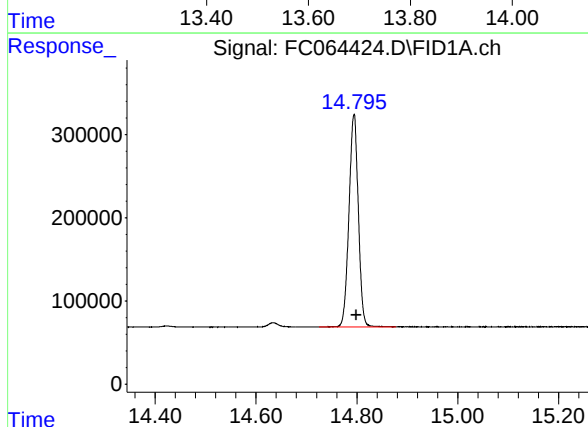
R.T.: 12.945 min
Delta R.T.: -0.002 min
Response: 3156476
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

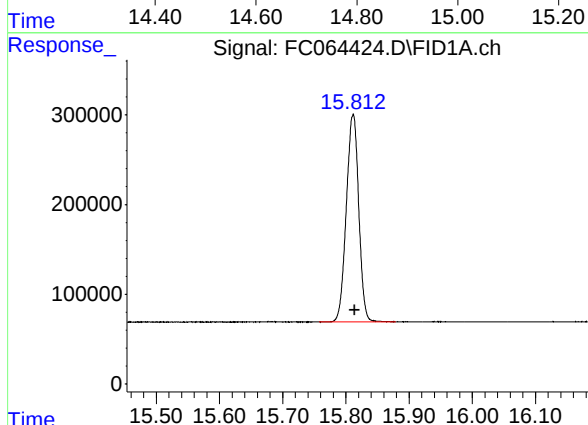
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 3385516
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



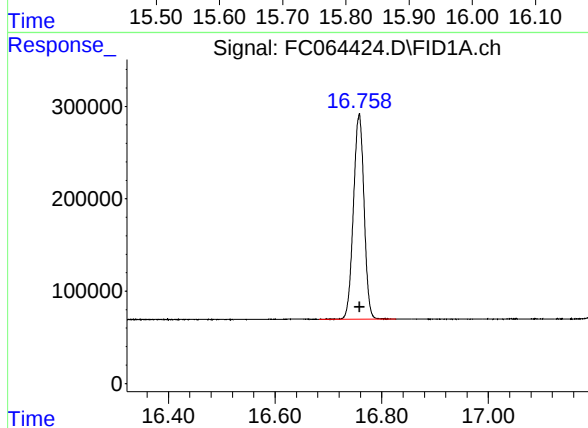
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.004 min
Response: 3290795
Conc: 20.66 ug/ml



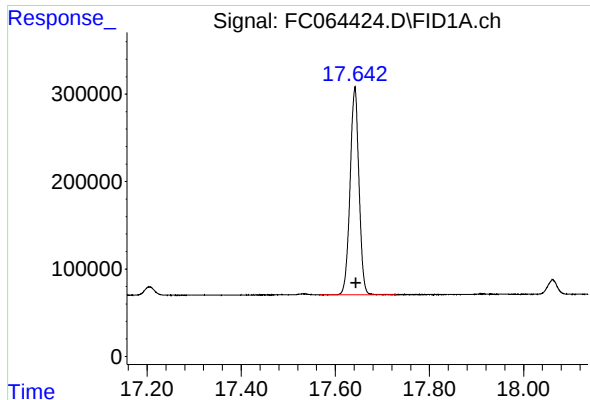
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 3163443
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

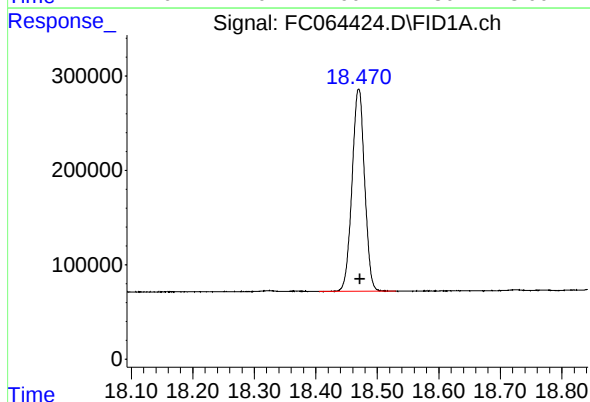
R.T.: 16.758 min
Delta R.T.: -0.001 min
Response: 3071891
Conc: 20.75 ug/ml



#17 n-Tricontane (C30)

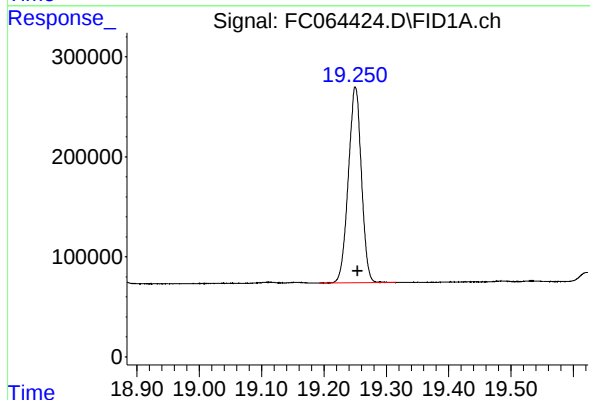
R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 3117967
Conc: 21.35 ug/ml

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FID_C
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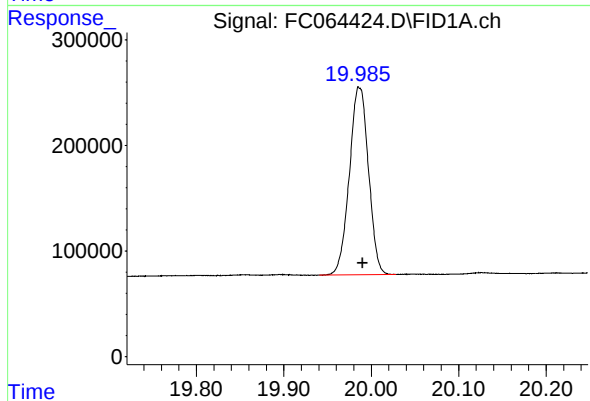
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.002 min
Response: 3046881
Conc: 21.57 ug/ml



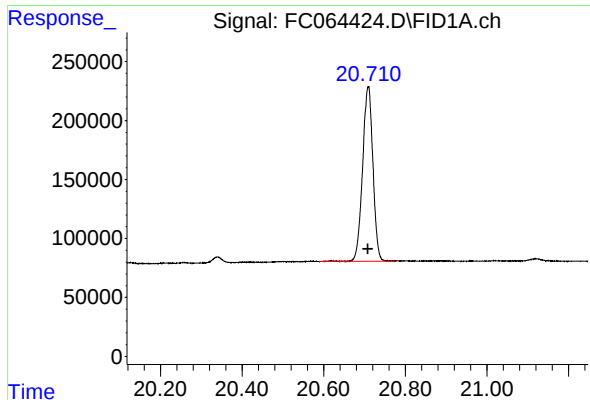
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2852859
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

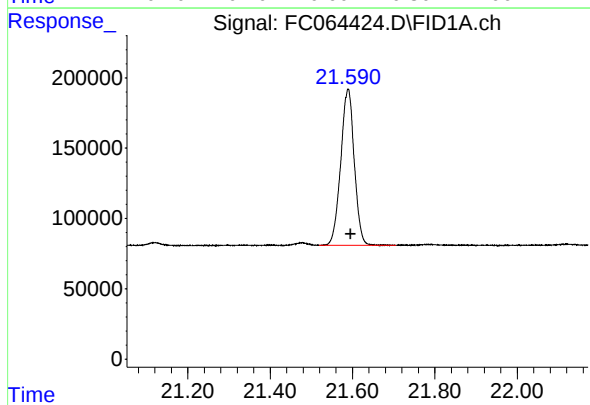
R.T.: 19.986 min
Delta R.T.: -0.004 min
Response: 2700450
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2604432
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2538348
Conc: 21.86 ug/ml