

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
 Data File : FC063783.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jun 2023 11:07
 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: Jun 08 12:16:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.535	3201688	17.545 ug/ml
Spiked Amount 50.000		Recovery =	35.09%
12) S 1-chlorooctadecane (S...	12.970	2285561	17.888 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.312	2923680	18.344 ug/ml
2) T n-Decane (C10)	4.376	2963916	18.335 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3035055	17.470 ug/ml
4) T n-Dodecane (C12)	6.391	2947383	18.025 ug/ml
5) T A~2-methylnaphthalene...	7.014	2899930	17.702 ug/ml
6) T n-Tetradecane (C14)	8.183	2838710	18.050 ug/ml
7) T n-Hexadecane (C16)	9.781	2856238	17.948 ug/ml
8) T n-Octadecane (C18)	11.221	2822232	17.836 ug/ml
10) T n-Eicosane (C20)	12.527	2661266	17.995 ug/ml
11) T n-Heneicosane (C21)	13.138	2585077	17.959 ug/ml
13) T n-Docosane (C22)	13.723	2543436	18.055 ug/ml
14) T n-Tetracosane (C24)	14.823	2496625	18.194 ug/ml
15) T n-Hexacosane (C26)	15.841	2451028	18.485 ug/ml
16) T n-Octacosane (C28)	16.789	2434460	19.172 ug/ml
17) T n-Tricontane (C30)	17.674	2561839	20.051 ug/ml
18) T n-Dotriacontane (C32)	18.503	2572989	20.678 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2507629	20.338 ug/ml
20) T n-Hexatriacontane (C36)	20.020	2414900	20.120 ug/ml
21) T n-Octatriacontane (C38)	20.744	2386623	19.768 ug/ml
22) T n-Tetracontane (C40)	21.638	2358721	19.466 ug/ml

(f)=RT Delta > 1/2 Window

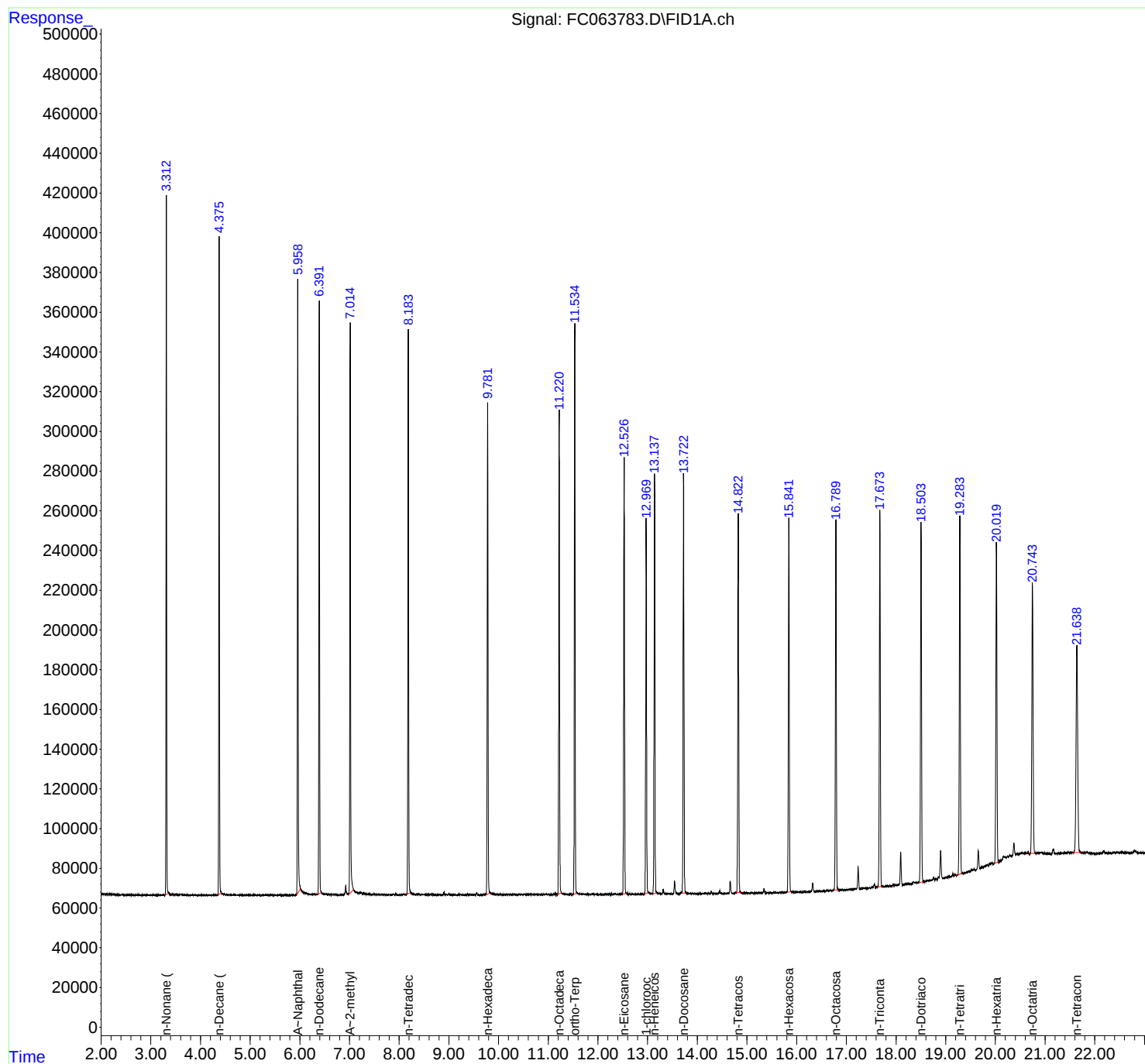
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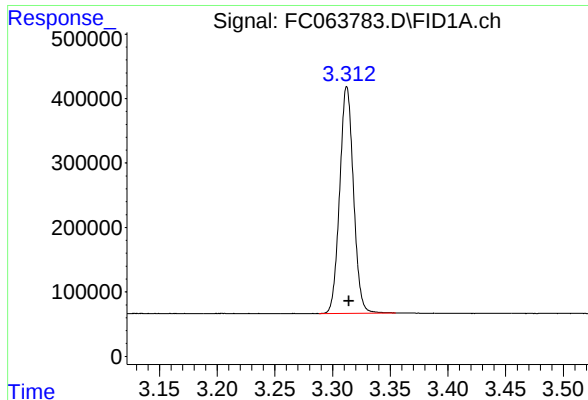
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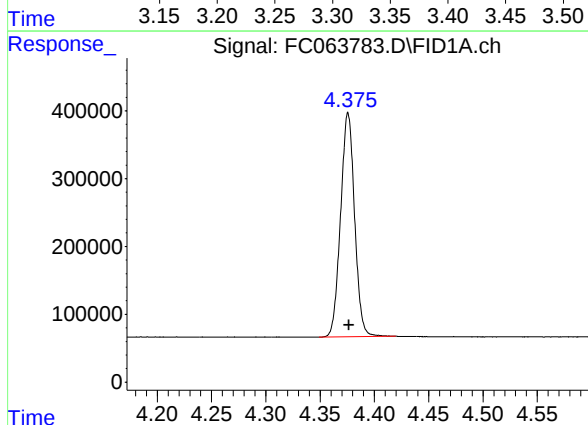




#1 n-Nonane (C9)

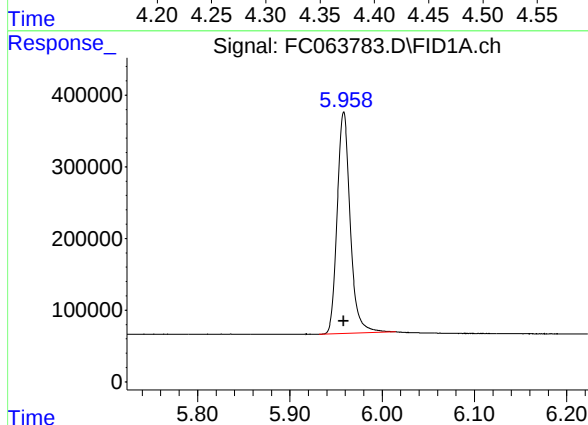
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2923680
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



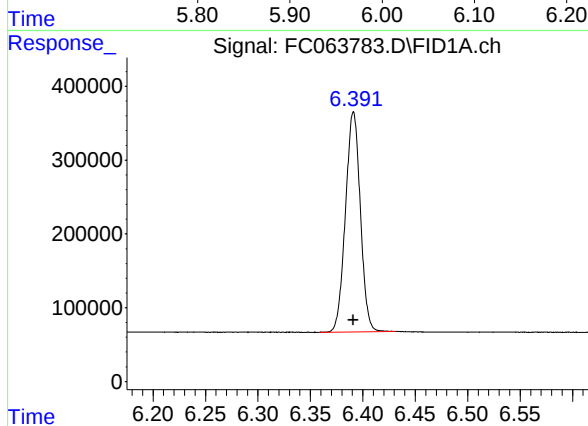
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2963916
Conc: 18.34 ug/ml



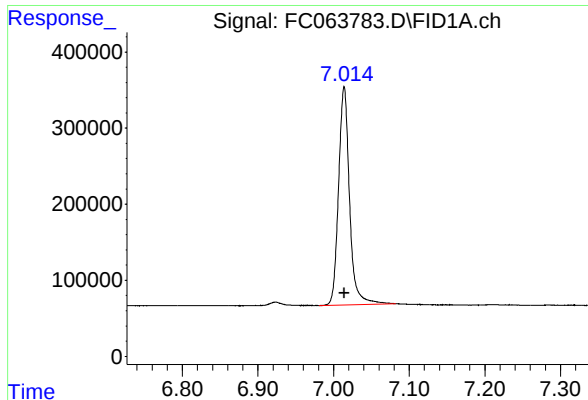
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3035055
Conc: 17.47 ug/ml



#4 n-Dodecane (C12)

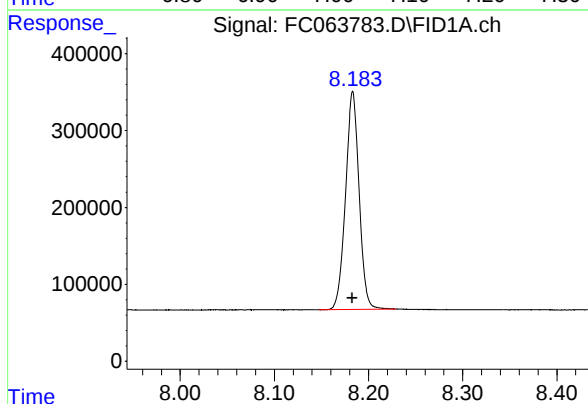
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2947383
Conc: 18.03 ug/ml



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

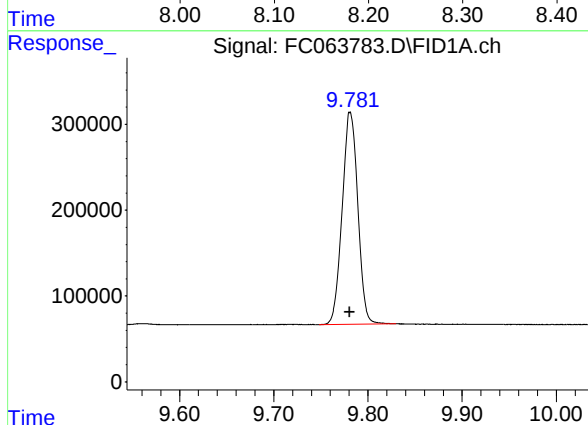
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 2899930
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



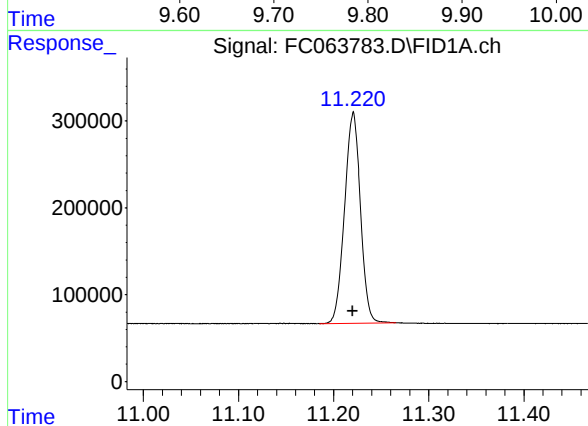
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 2838710
Conc: 18.05 ug/ml



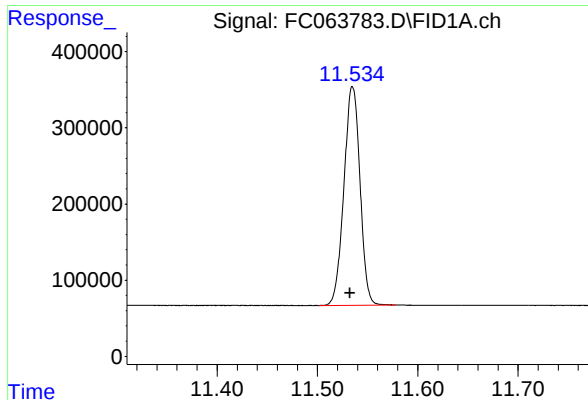
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 2856238
Conc: 17.95 ug/ml



#8 n-Octadecane (C18)

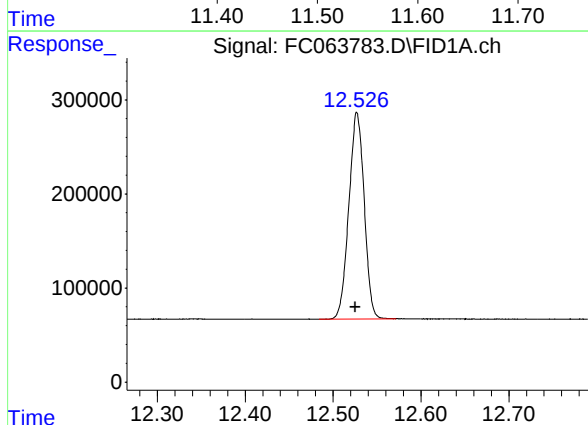
R.T.: 11.221 min
Delta R.T.: 0.000 min
Response: 2822232
Conc: 17.84 ug/ml



#9 ortho-Terphenyl (SURR)

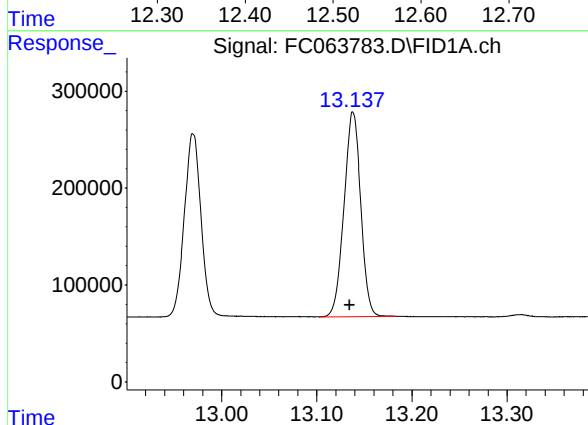
R.T.: 11.535 min
Delta R.T.: 0.002 min
Response: 3201688
Conc: 17.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



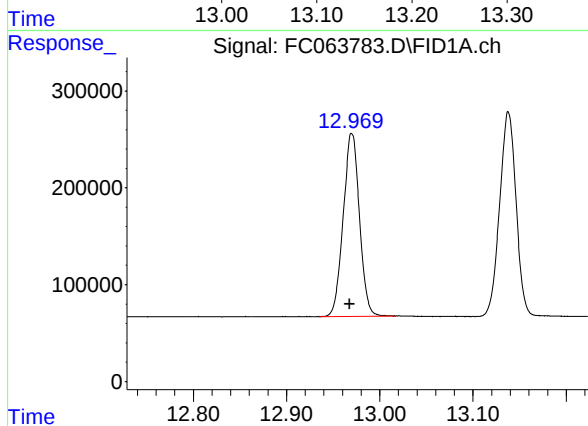
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2661266
Conc: 17.99 ug/ml



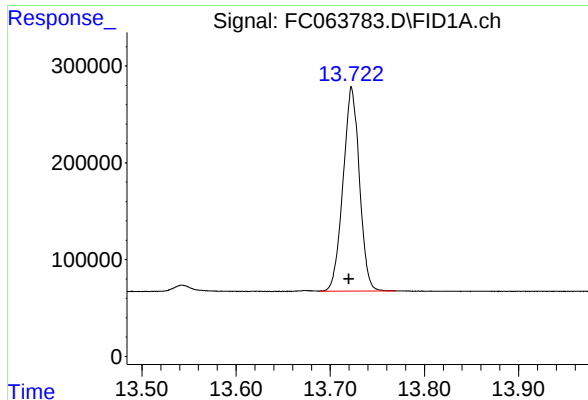
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.004 min
Response: 2585077
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

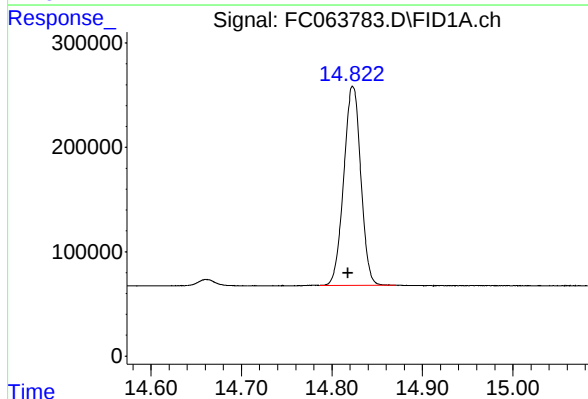
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2285561
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

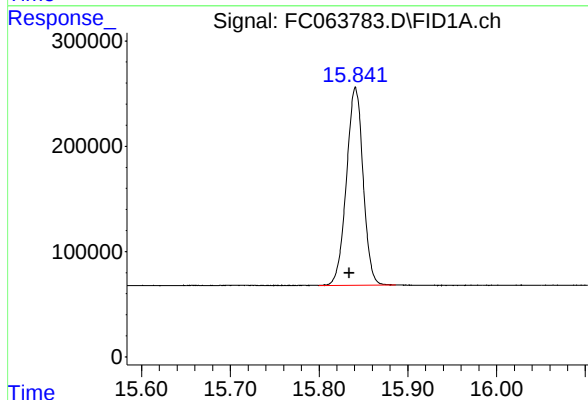
R.T.: 13.723 min
Delta R.T.: 0.003 min
Response: 2543436
Conc: 18.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



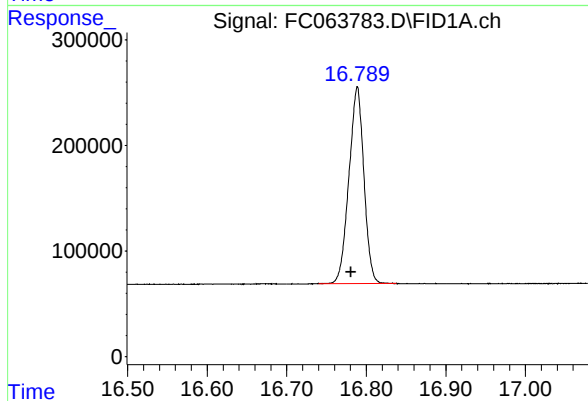
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.006 min
Response: 2496625
Conc: 18.19 ug/ml



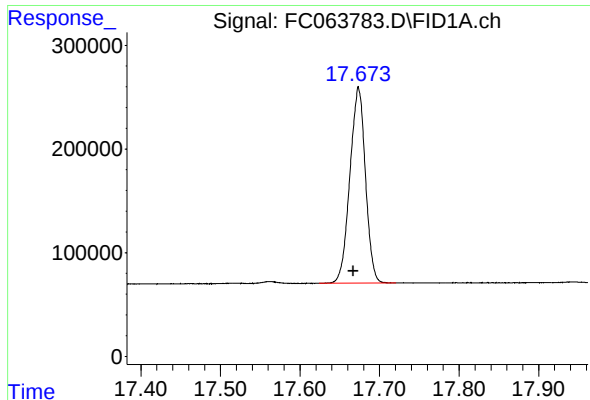
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.007 min
Response: 2451028
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

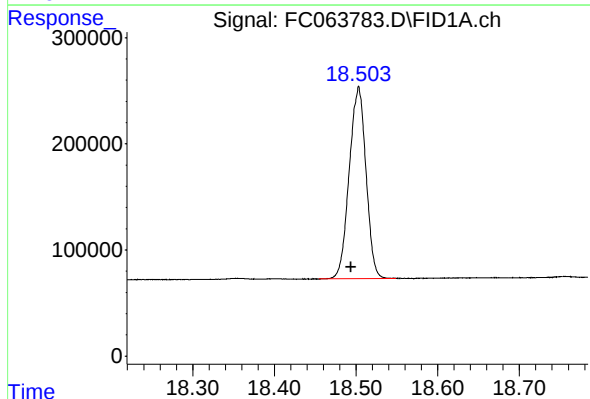
R.T.: 16.789 min
Delta R.T.: 0.008 min
Response: 2434460
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

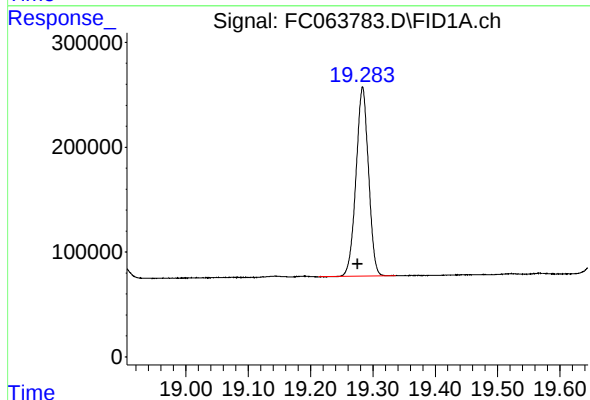
R.T.: 17.674 min
Delta R.T.: 0.007 min
Response: 2561839
Conc: 20.05 ug/ml

Instrument :
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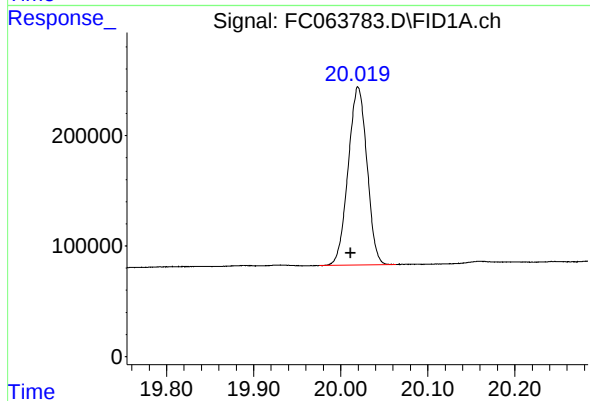
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.009 min
Response: 2572989
Conc: 20.68 ug/ml



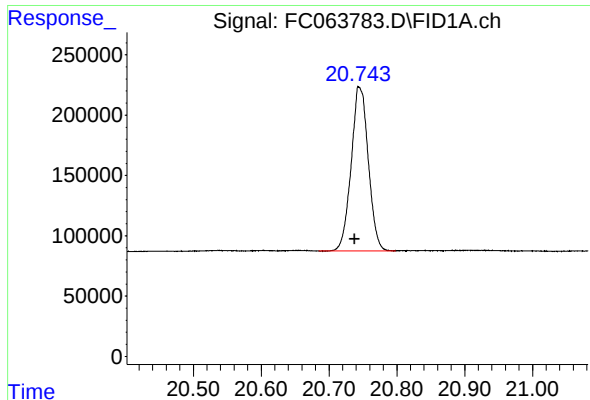
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.008 min
Response: 2507629
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

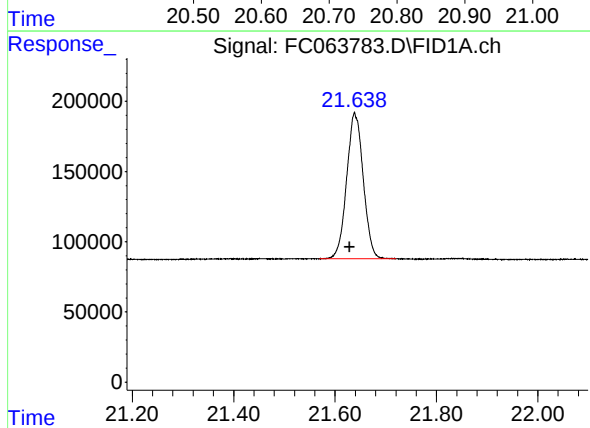
R.T.: 20.020 min
Delta R.T.: 0.008 min
Response: 2414900
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.007 min
Response: 2386623
Conc: 19.77 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.009 min
Response: 2358721
Conc: 19.47 ug/ml