

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
 Data File : FC063980.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 03:41
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 25 04:00:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 03:56:00 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)	11.530	9408551	48.747 ug/ml
Spiked Amount 50.000		Recovery =	97.49%
12) S 1-chlorooctadecane (S...	12.963	6799453	48.832 ug/ml
Spiked Amount 50.000		Recovery =	97.66%
Target Compounds			
1) T n-Nonane (C9)	3.308	8752553	48.736 ug/ml
2) T n-Decane (C10)	4.371	8875573	48.647 ug/ml
3) T A~Naphthalene (C11.7)	5.952	9386375	48.806 ug/ml
4) T n-Dodecane (C12)	6.386	8780856	48.506 ug/ml
5) T A~2-methylnaphthalene...	7.008	8916651	48.766 ug/ml
6) T n-Tetradecane (C14)	8.178	8460710	48.669 ug/ml
7) T n-Hexadecane (C16)	9.776	8474239	48.710 ug/ml
8) T n-Octadecane (C18)	11.216	8364874	48.746 ug/ml
10) T n-Eicosane (C20)	12.522	7858195	48.760 ug/ml
11) T n-Heneicosane (C21)	13.132	7649861	48.758 ug/ml
13) T n-Docosane (C22)	13.717	7529916	48.606 ug/ml
14) T n-Tetracosane (C24)	14.818	7390507	48.440 ug/ml
15) T n-Hexacosane (C26)	15.833	7206175	48.184 ug/ml
16) T n-Octacosane (C28)	16.779	7053755	48.012 ug/ml
17) T n-Tricontane (C30)	17.666	7187217	47.884 ug/ml
18) T n-Dotriacontane (C32)	18.495	7131922	47.867 ug/ml
19) T n-Tetratriacontane (C34)	19.275	7091186	48.181 ug/ml
20) T n-Hexatriacontane (C36)	20.012	6916416	48.216 ug/ml
21) T n-Octatriacontane (C38)	20.737	7007386	48.475 ug/ml
22) T n-Tetracontane (C40)	21.632	7005265	48.595 ug/ml

(f)=RT Delta > 1/2 Window

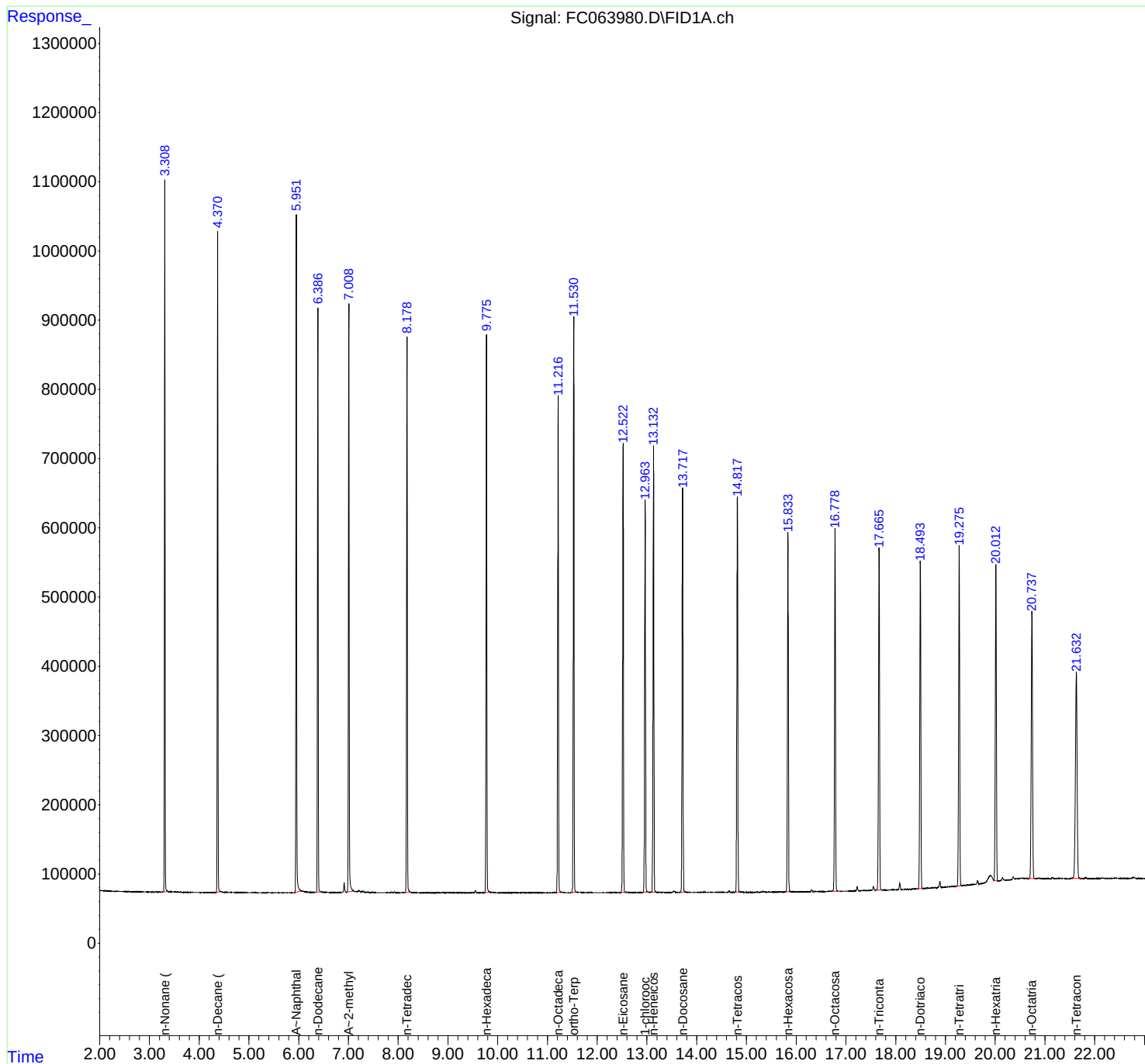
(m)=manual int.

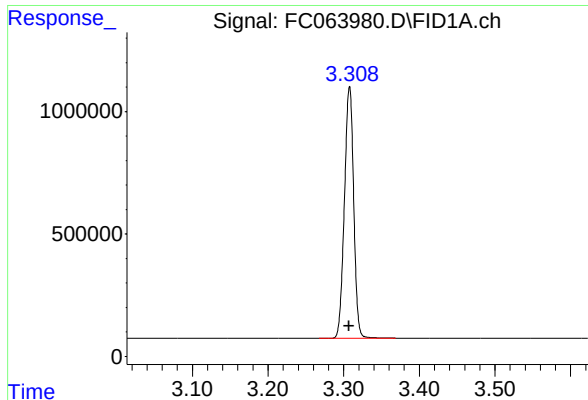
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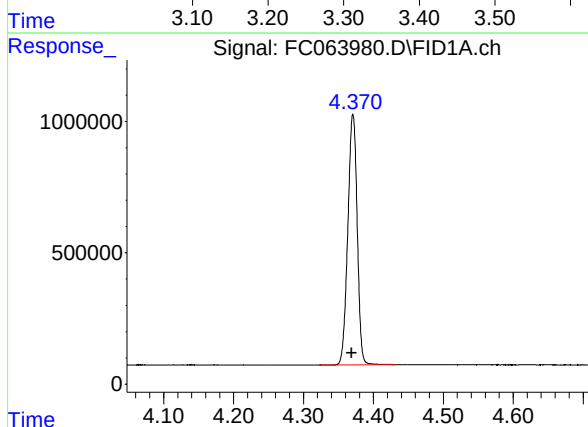




#1 n-Nonane (C9)

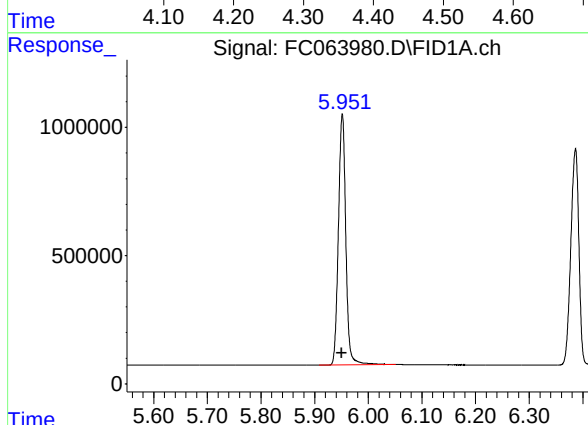
R.T.: 3.308 min
Delta R.T.: 0.000 min
Response: 8752553
Conc: 48.74 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



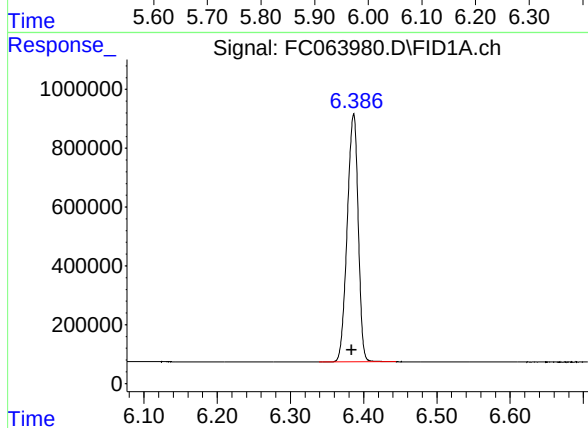
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 8875573
Conc: 48.65 ug/ml



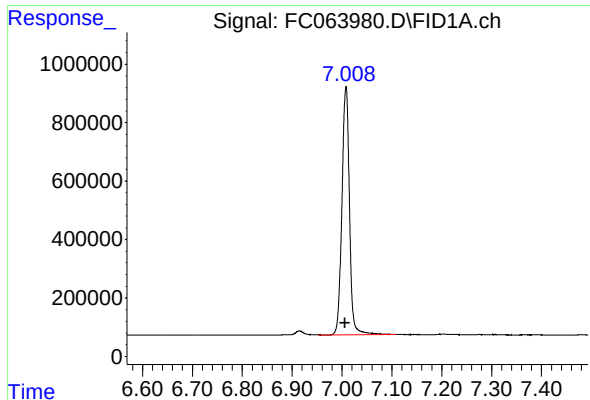
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 9386375
Conc: 48.81 ug/ml



#4 n-Dodecane (C12)

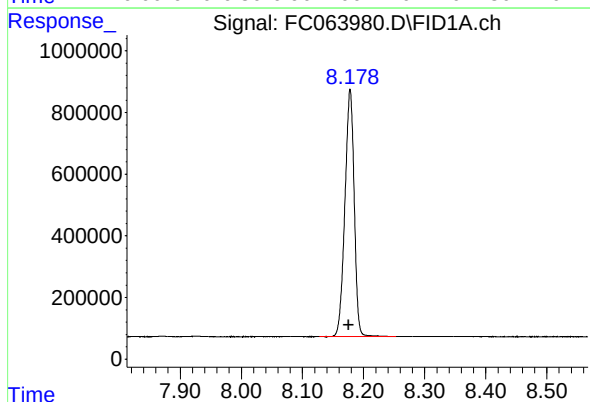
R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 8780856
Conc: 48.51 ug/ml



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

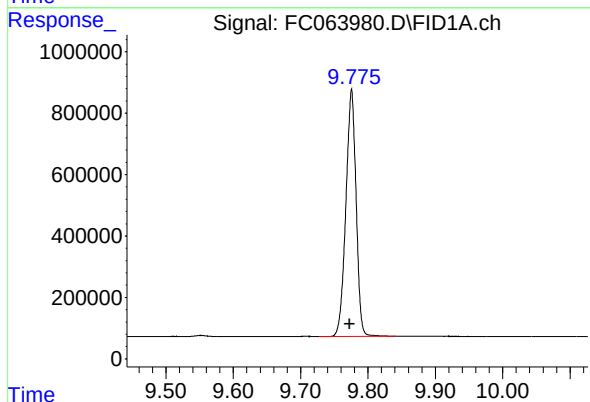
R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 8916651
Conc: 48.77 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



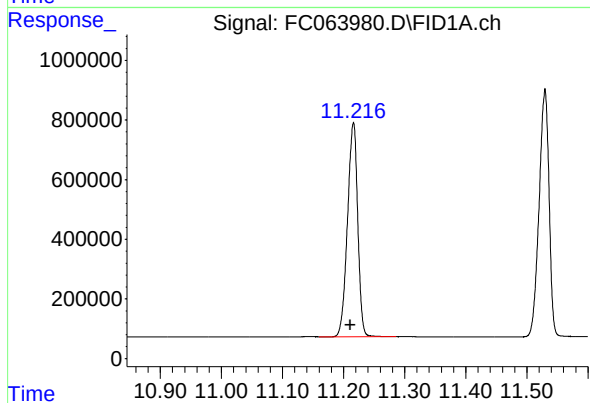
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.003 min
Response: 8460710
Conc: 48.67 ug/ml



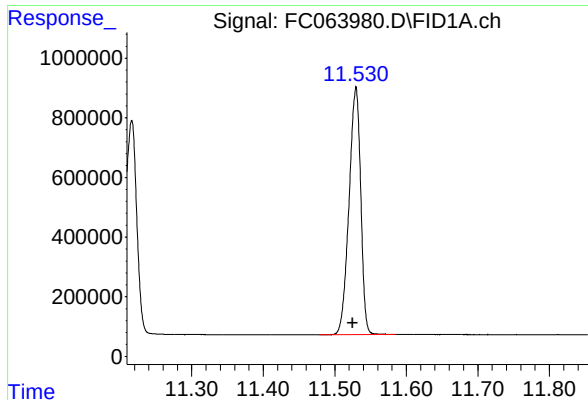
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.002 min
Response: 8474239
Conc: 48.71 ug/ml



#8 n-Octadecane (C18)

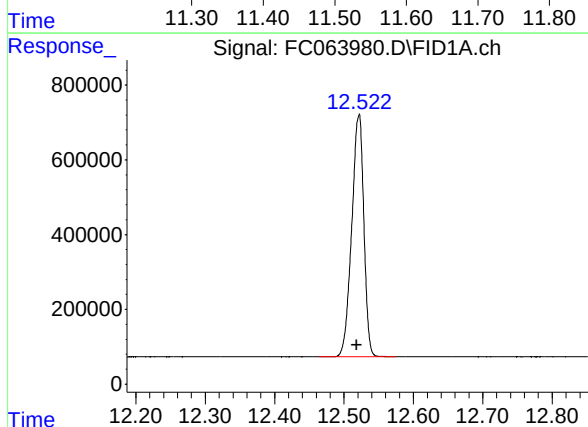
R.T.: 11.216 min
Delta R.T.: 0.005 min
Response: 8364874
Conc: 48.75 ug/ml



#9 ortho-Terphenyl (SURR)

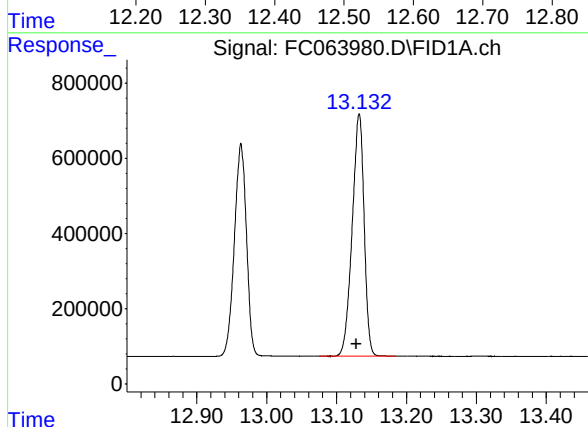
R.T.: 11.530 min
Delta R.T.: 0.005 min
Response: 9408551
Conc: 48.75 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



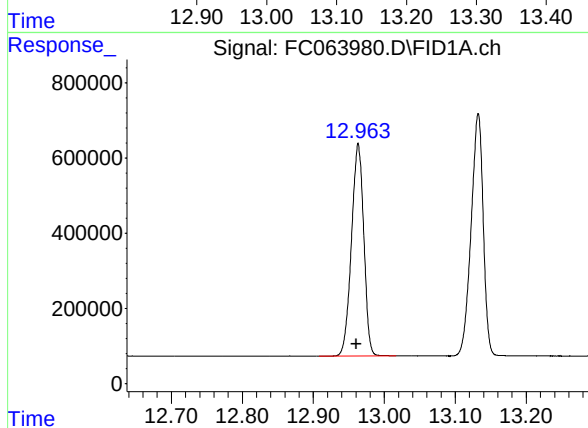
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.004 min
Response: 7858195
Conc: 48.76 ug/ml



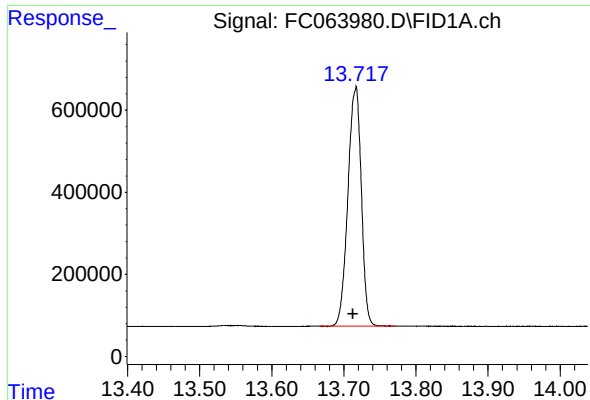
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: 0.004 min
Response: 7649861
Conc: 48.76 ug/ml



#12 1-chlorooctadecane (SURR)

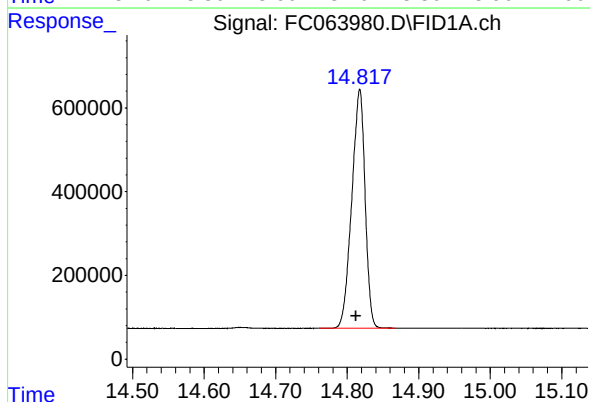
R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 6799453
Conc: 48.83 ug/ml



#13 n-Docosane (C22)

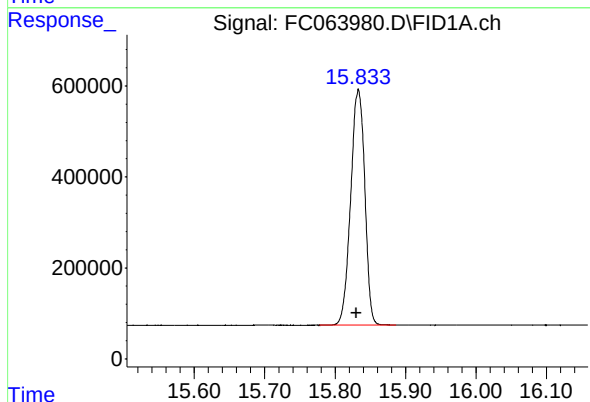
R.T.: 13.717 min
Delta R.T.: 0.004 min
Response: 7529916
Conc: 48.61 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



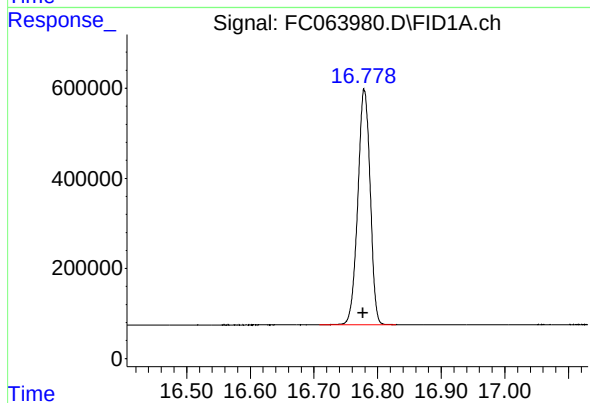
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.005 min
Response: 7390507
Conc: 48.44 ug/ml



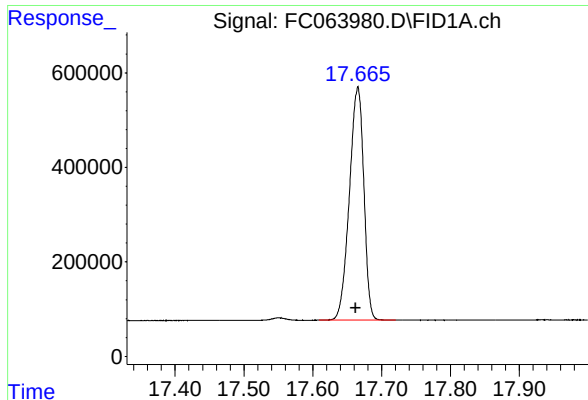
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.003 min
Response: 7206175
Conc: 48.18 ug/ml



#16 n-Octacosane (C28)

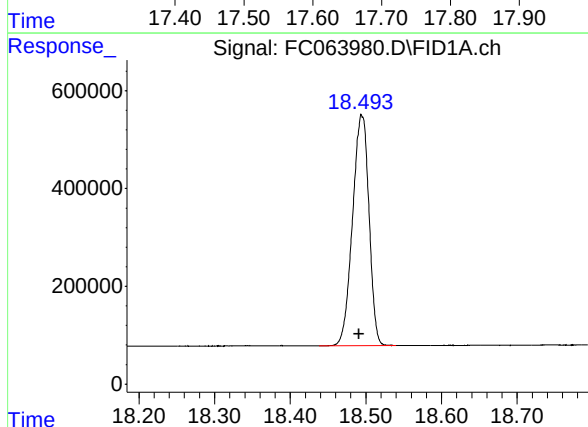
R.T.: 16.779 min
Delta R.T.: 0.002 min
Response: 7053755
Conc: 48.01 ug/ml



#17 n-Tricontane (C30)

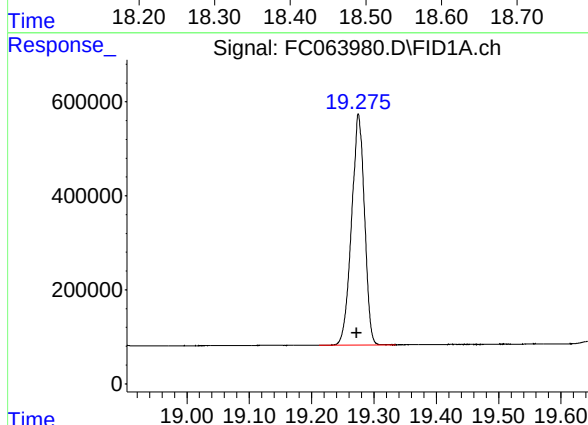
R.T.: 17.666 min
Delta R.T.: 0.003 min
Response: 7187217
Conc: 47.88 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



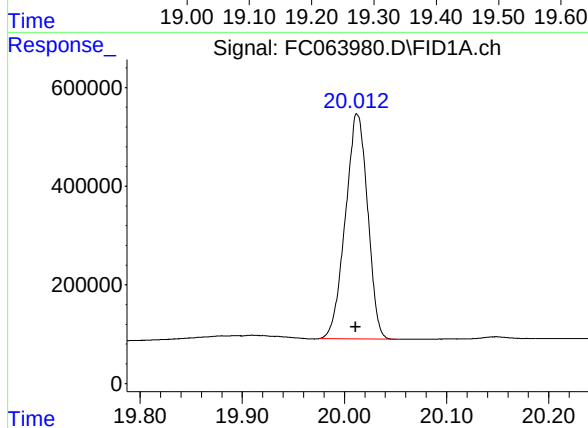
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.004 min
Response: 7131922
Conc: 47.87 ug/ml



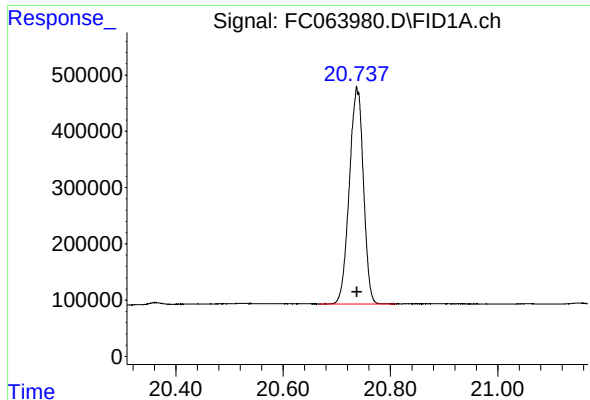
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.003 min
Response: 7091186
Conc: 48.18 ug/ml



#20 n-Hexatriacontane (C36)

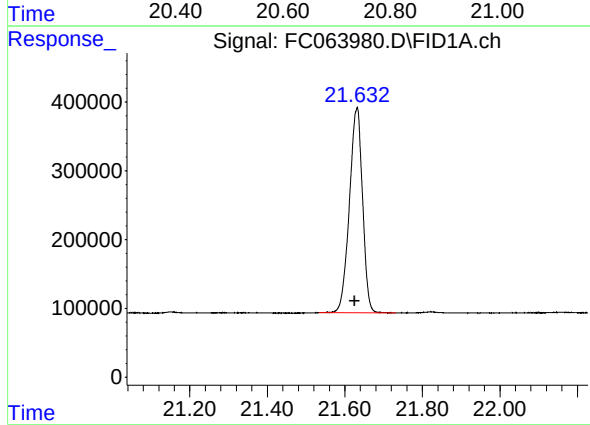
R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 6916416
Conc: 48.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 7007386
Conc: 48.47 ug/ml

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FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.006 min
Response: 7005265
Conc: 48.60 ug/ml