

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063703.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 21:11
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 27 06:08:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:07:55 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)	11.536	8759862	49.495 ug/ml
Spiked Amount 50.000		Recovery =	98.99%
12) S 1-chlorooctadecane (S...	12.970	6185341	49.566 ug/ml
Spiked Amount 50.000		Recovery =	99.13%
Target Compounds			
1) T n-Nonane (C9)	3.316	7798115	49.610 ug/ml
2) T n-Decane (C10)	4.378	7906900	49.579 ug/ml
3) T A~Naphthalene (C11.7)	5.959	8664074	49.678 ug/ml
4) T n-Dodecane (C12)	6.393	7916369	49.426 ug/ml
5) T A~2-methylnaphthalene...	7.014	8236603	49.822 ug/ml
6) T n-Tetradecane (C14)	8.185	7664123	49.351 ug/ml
7) T n-Hexadecane (C16)	9.782	7728986	49.709 ug/ml
8) T n-Octadecane (C18)	11.222	7587613	49.400 ug/ml
10) T n-Eicosane (C20)	12.527	7096917	49.447 ug/ml
11) T n-Heneicosane (C21)	13.137	6916059	49.479 ug/ml
13) T n-Docosane (C22)	13.721	6771021	49.413 ug/ml
14) T n-Tetracosane (C24)	14.819	6591626	49.362 ug/ml
15) T n-Hexacosane (C26)	15.838	6361212	49.410 ug/ml
16) T n-Octacosane (C28)	16.784	6121648	49.388 ug/ml
17) T n-Tricontane (C30)	17.668	6125968	49.435 ug/ml
18) T n-Dotriacontane (C32)	18.498	5981614	49.471 ug/ml
19) T n-Tetratriacontane (C34)	19.278	5915857	49.425 ug/ml
20) T n-Hexatriacontane (C36)	20.015	5756288	49.306 ug/ml
21) T n-Octatriacontane (C38)	20.739	5851916	49.386 ug/ml
22) T n-Tetracontane (C40)	21.630	5828370	49.262 ug/ml

(f)=RT Delta > 1/2 Window

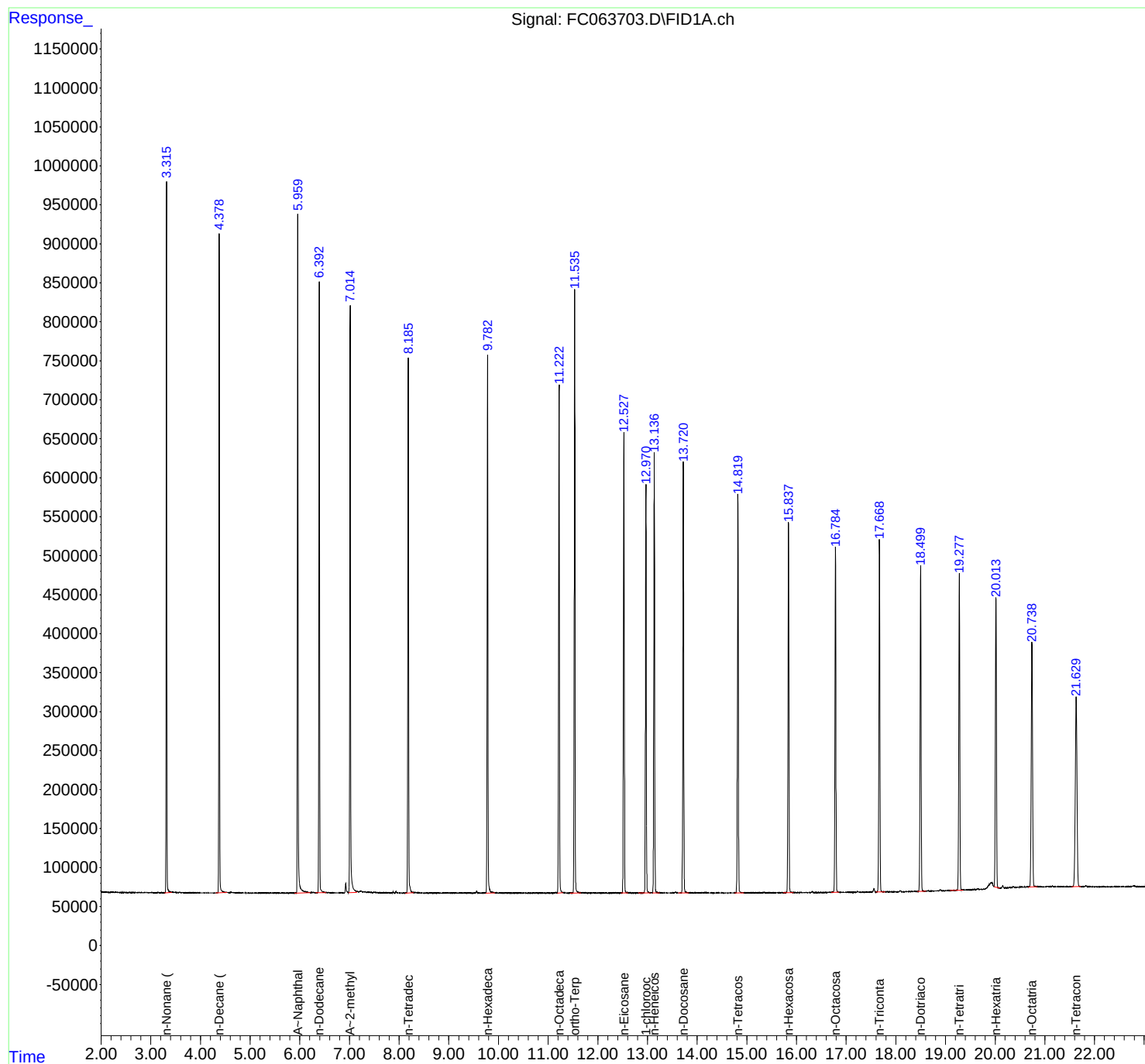
(m)=manual int.

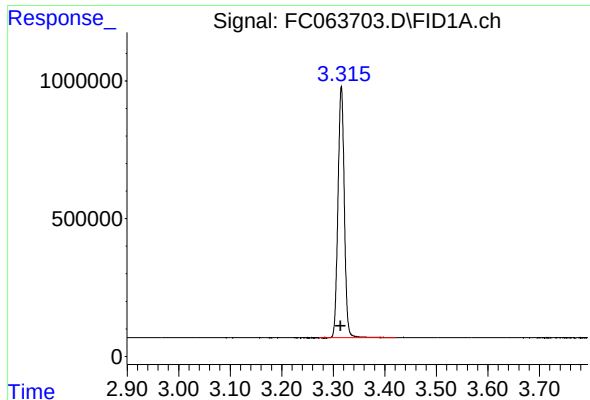
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
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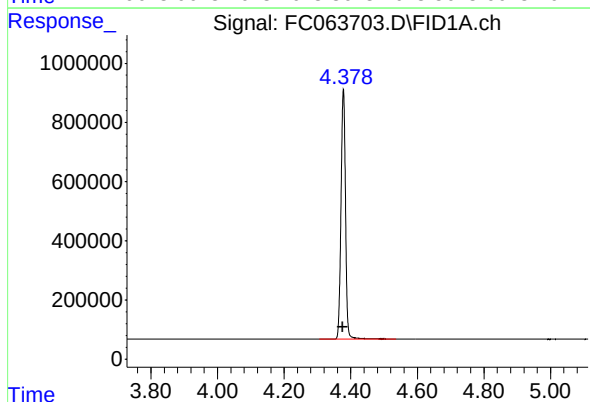




#1 n-Nonane (C9)

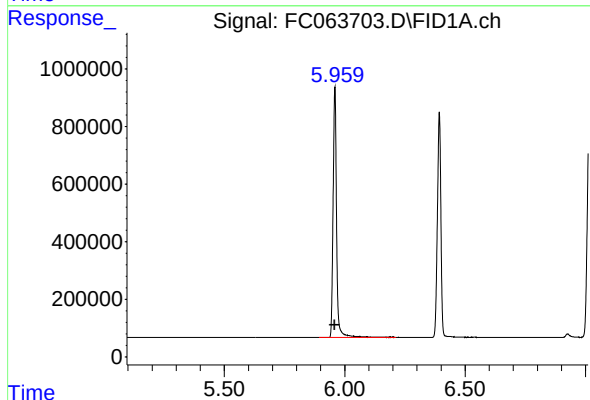
R.T.: 3.316 min
Delta R.T.: 0.002 min
Response: 7798115
Conc: 49.61 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



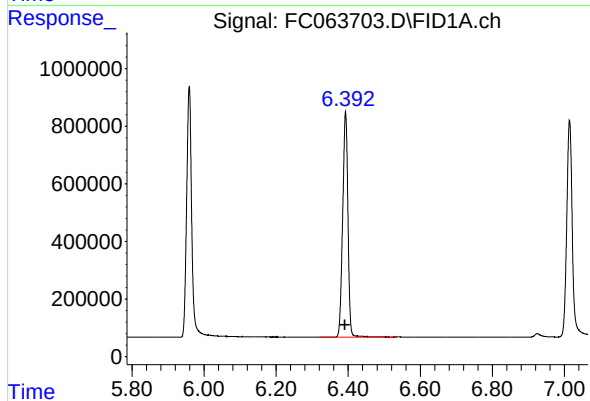
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.002 min
Response: 7906900
Conc: 49.58 ug/ml



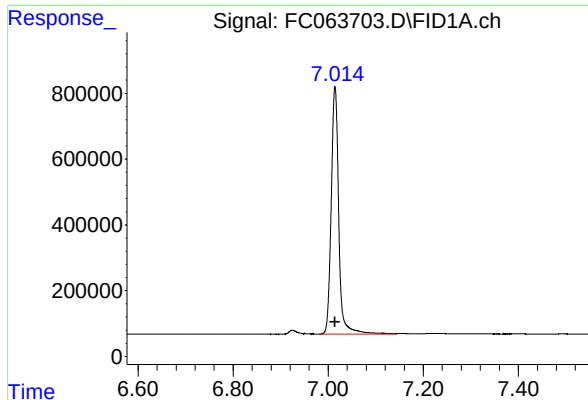
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 8664074
Conc: 49.68 ug/ml



#4 n-Dodecane (C12)

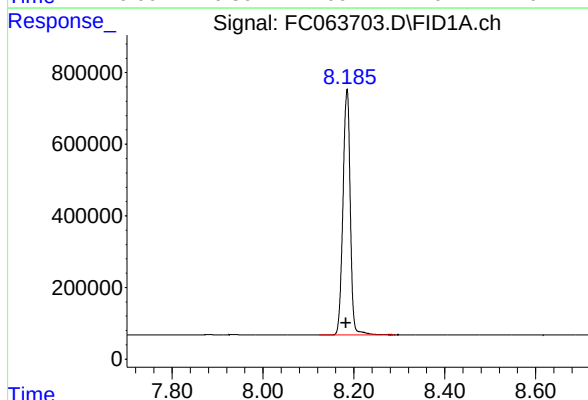
R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 7916369
Conc: 49.43 ug/ml



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

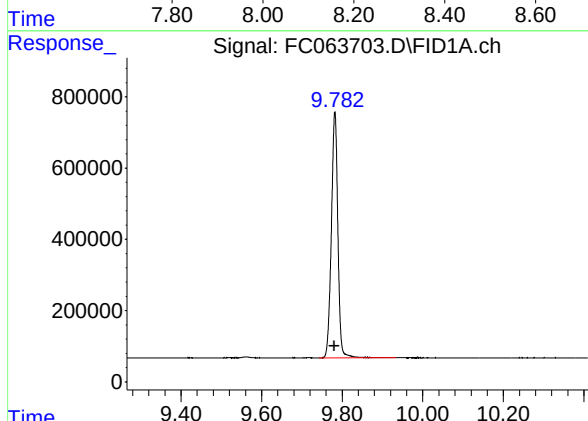
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 8236603
Conc: 49.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



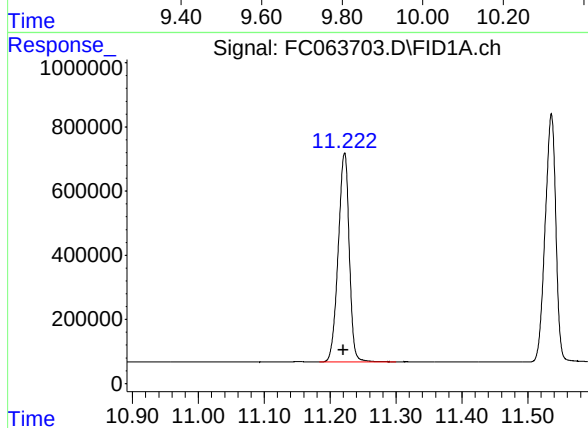
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.002 min
Response: 7664123
Conc: 49.35 ug/ml



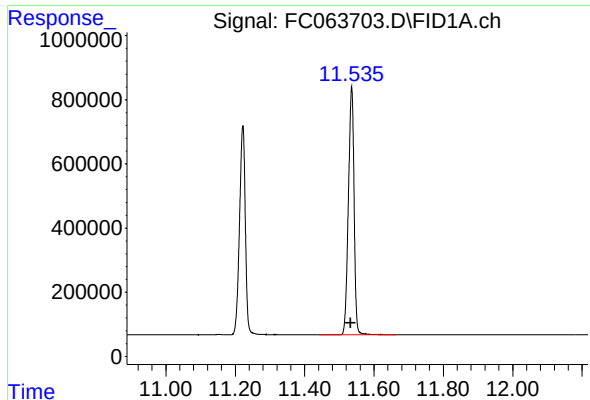
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.001 min
Response: 7728986
Conc: 49.71 ug/ml



#8 n-Octadecane (C18)

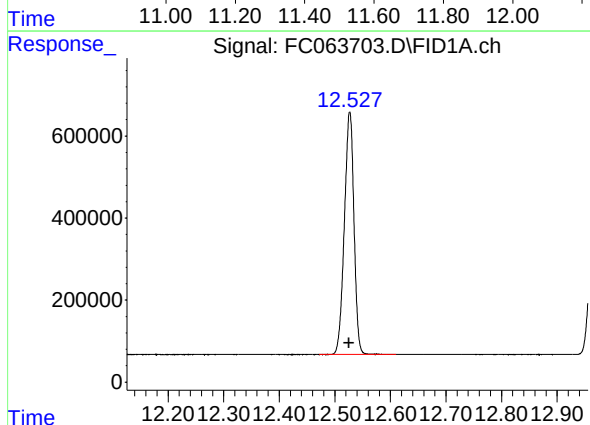
R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 7587613
Conc: 49.40 ug/ml



#9 ortho-Terphenyl (SURR)

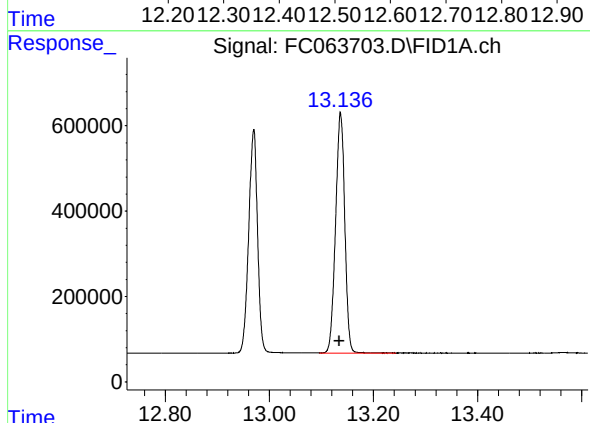
R.T.: 11.536 min
Delta R.T.: 0.003 min
Response: 8759862
Conc: 49.50 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



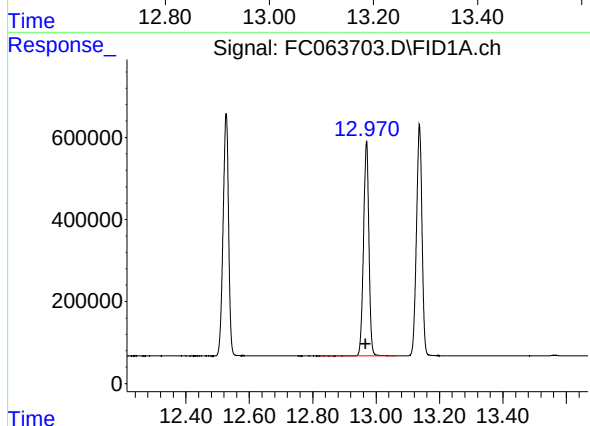
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 7096917
Conc: 49.45 ug/ml



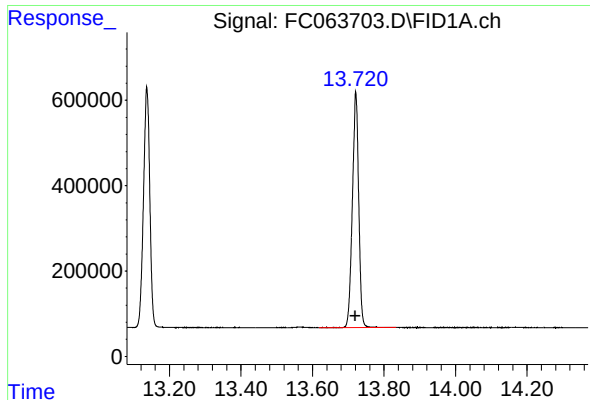
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.002 min
Response: 6916059
Conc: 49.48 ug/ml



#12 1-chlorooctadecane (SURR)

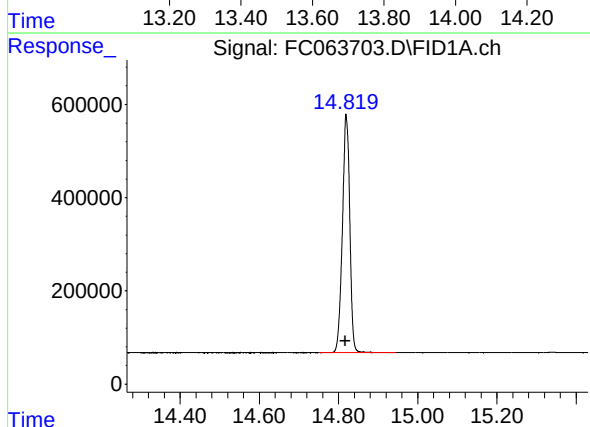
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 6185341
Conc: 49.57 ug/ml



#13 n-Docosane (C22)

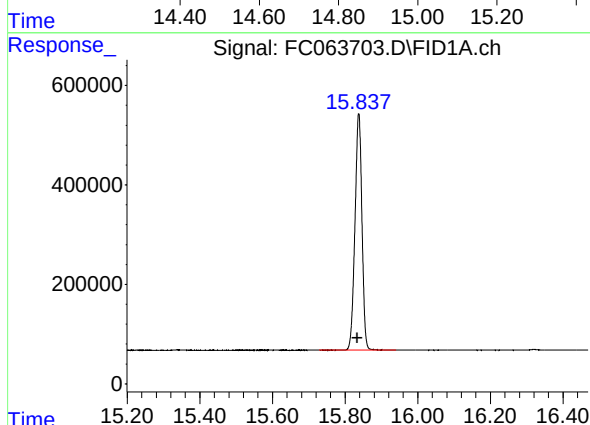
R.T.: 13.721 min
Delta R.T.: 0.002 min
Response: 6771021
Conc: 49.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



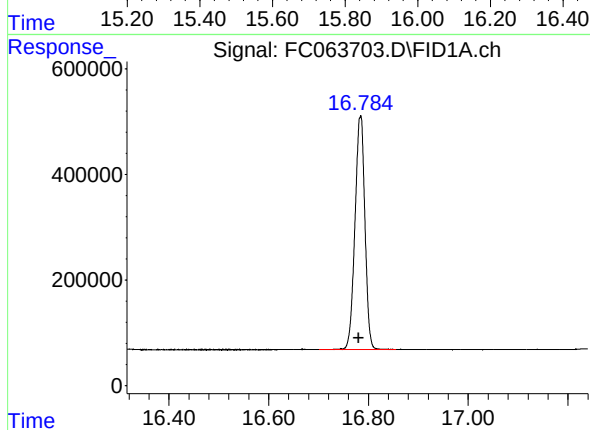
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 6591626
Conc: 49.36 ug/ml



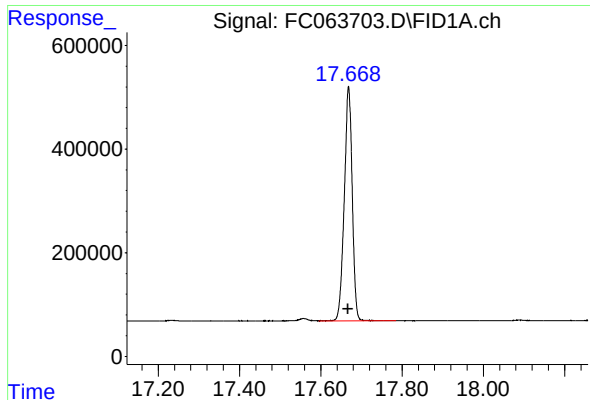
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.004 min
Response: 6361212
Conc: 49.41 ug/ml



#16 n-Octacosane (C28)

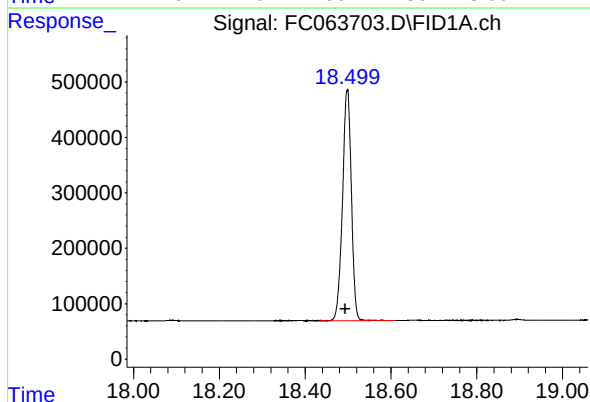
R.T.: 16.784 min
Delta R.T.: 0.003 min
Response: 6121648
Conc: 49.39 ug/ml



#17 n-Tricontane (C30)

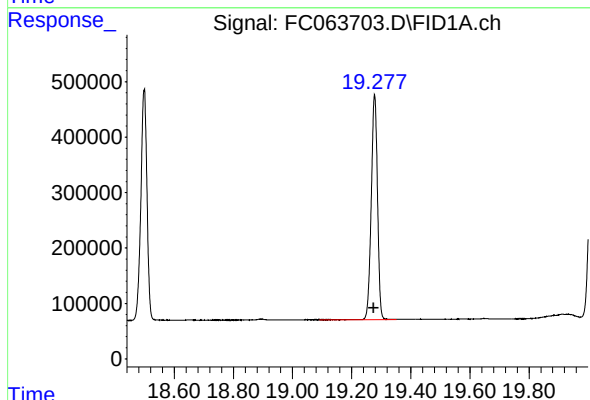
R.T.: 17.668 min
Delta R.T.: 0.001 min
Response: 6125968
Conc: 49.44 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



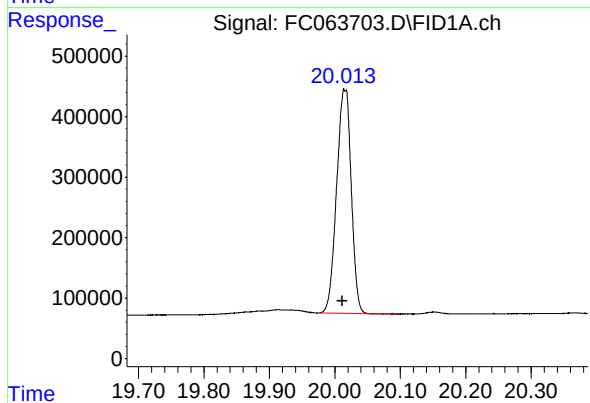
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.005 min
Response: 5981614
Conc: 49.47 ug/ml



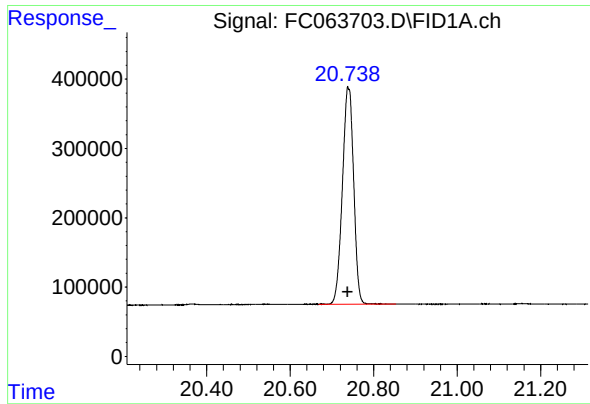
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.002 min
Response: 5915857
Conc: 49.42 ug/ml



#20 n-Hexatriacontane (C36)

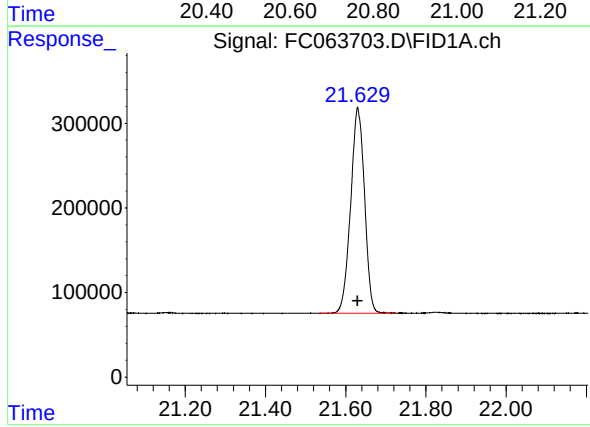
R.T.: 20.015 min
Delta R.T.: 0.004 min
Response: 5756288
Conc: 49.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.001 min
Response: 5851916
Conc: 49.39 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: 0.000 min
Response: 5828370
Conc: 49.26 ug/ml