

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012626.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 10:35
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 19 11:37:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 11:31:02 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)	10.921	7880462	49.437 ug/ml
Spiked Amount 50.000		Recovery =	98.87%
12) S 1-chlorooctadecane (S...	12.351	5853838	49.457 ug/ml
Spiked Amount 50.000		Recovery =	98.91%
Target Compounds			
1) T n-Nonane (C9)	2.773	6476259	49.744 ug/ml
2) T n-Decane (C10)	3.783	6633405	49.662 ug/ml
3) T A~Naphthalene (C11.7)	5.350	7219412	50.070 ug/ml
4) T n-Dodecane (C12)	5.771	6733243	49.733 ug/ml
5) T A~2-methylnaphthalene...	6.400	6877759	49.877 ug/ml
6) T n-Tetradecane (C14)	7.561	6698678	49.683 ug/ml
7) T n-Hexadecane (C16)	9.159	6945342	49.677 ug/ml
8) T n-Octadecane (C18)	10.600	7046143	49.471 ug/ml
10) T n-Eicosane (C20)	11.906	6772893	49.353 ug/ml
11) T n-Heneicosane (C21)	12.517	6639522	49.348 ug/ml
13) T n-Docosane (C22)	13.102	6578273	49.320 ug/ml
14) T n-Tetracosane (C24)	14.203	6453446	49.226 ug/ml
15) T n-Hexacosane (C26)	15.223	6231678	49.201 ug/ml
16) T n-Octacosane (C28)	16.171	5978218	49.049 ug/ml
17) T n-Tricontane (C30)	17.057	5945604	48.989 ug/ml
18) T n-Dotriacontane (C32)	17.890	5767862	48.756 ug/ml
19) T n-Tetratriacontane (C34)	18.672	5641267	49.202 ug/ml
20) T n-Hexatriacontane (C36)	19.410	5476421	49.281 ug/ml
21) T n-Octatriacontane (C38)	20.141	5434585	49.140 ug/ml
22) T n-Tetracontane (C40)	21.043	5382227	49.717 ug/ml

(f)=RT Delta > 1/2 Window

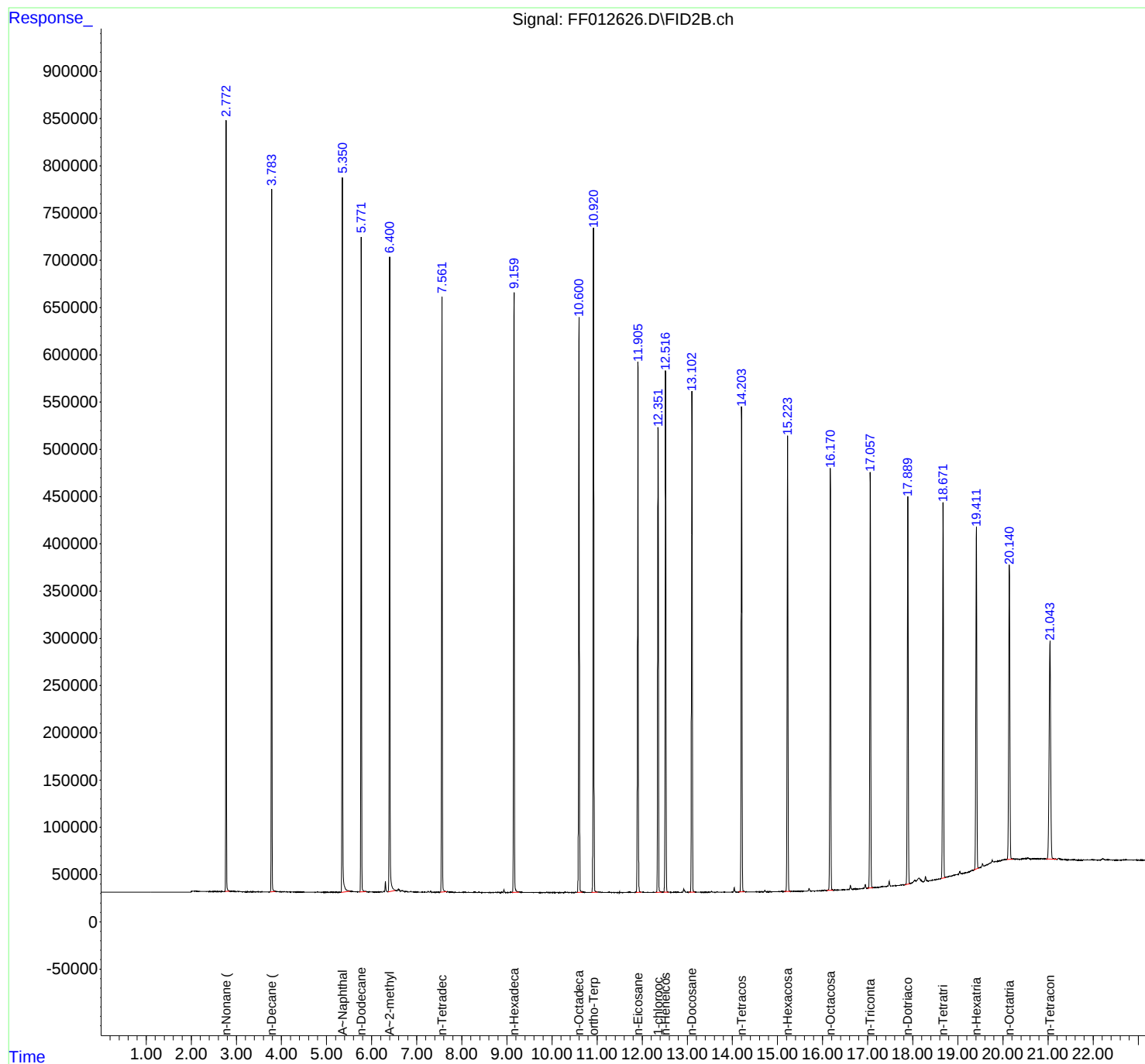
(m)=manual int.

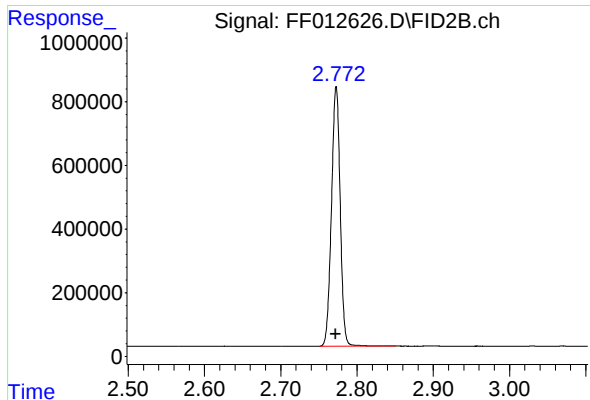
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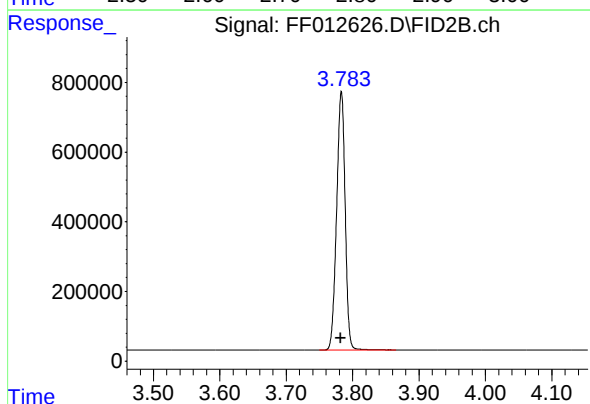




#1 n-Nonane (C9)

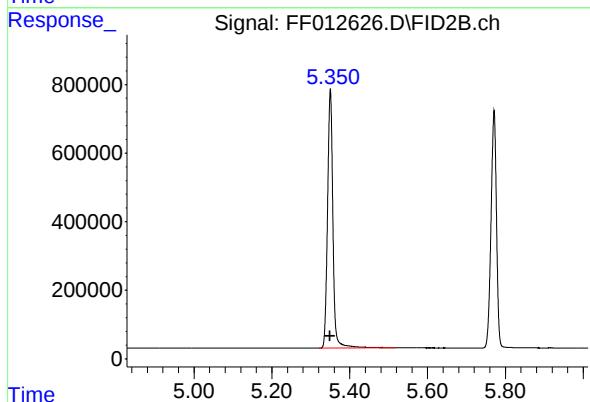
R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 6476259
Conc: 49.74 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



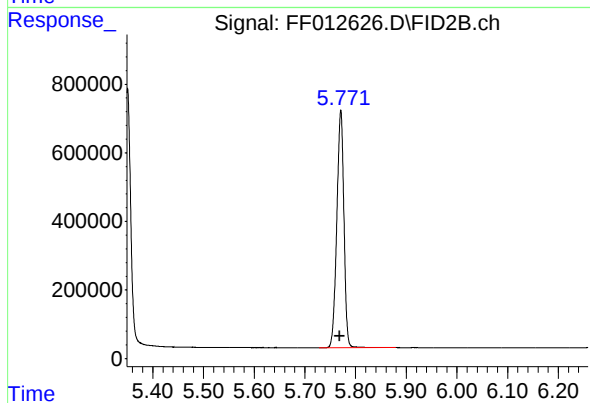
#2 n-Decane (C10)

R.T.: 3.783 min
Delta R.T.: 0.001 min
Response: 6633405
Conc: 49.66 ug/ml



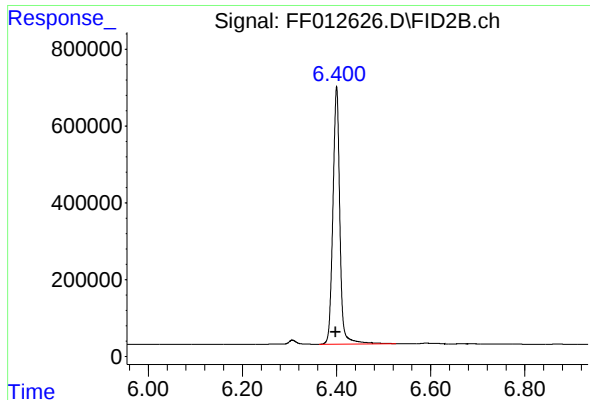
#3 A~Naphthalene (C11.7)

R.T.: 5.350 min
Delta R.T.: 0.001 min
Response: 7219412
Conc: 50.07 ug/ml



#4 n-Dodecane (C12)

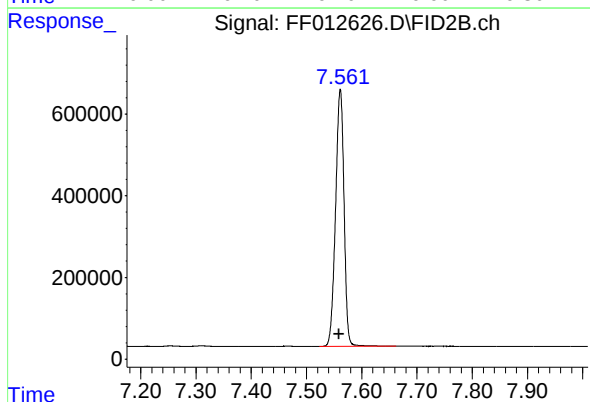
R.T.: 5.771 min
Delta R.T.: 0.002 min
Response: 6733243
Conc: 49.73 ug/ml



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

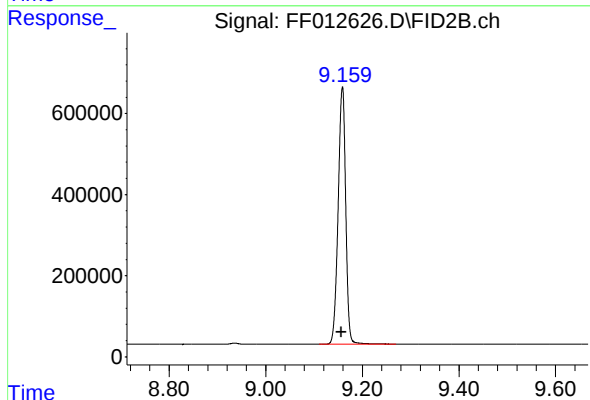
R.T.: 6.400 min
Delta R.T.: 0.002 min
Response: 6877759
Conc: 49.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



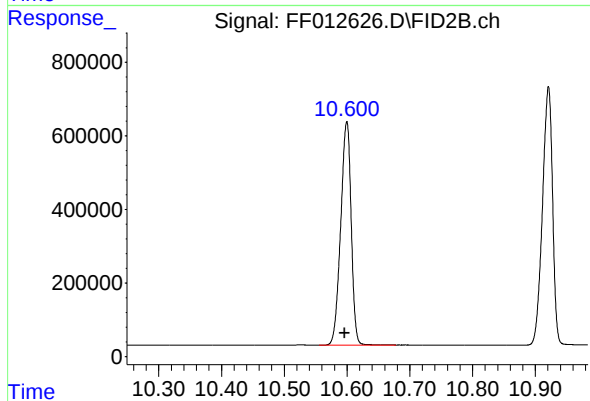
#6 n-Tetradecane (C14)

R.T.: 7.561 min
Delta R.T.: 0.003 min
Response: 6698678
Conc: 49.68 ug/ml



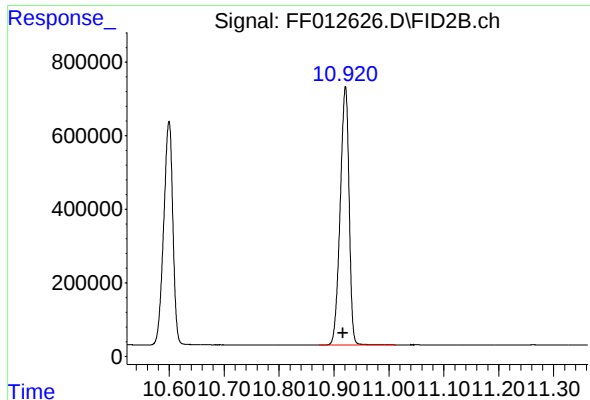
#7 n-Hexadecane (C16)

R.T.: 9.159 min
Delta R.T.: 0.002 min
Response: 6945342
Conc: 49.68 ug/ml



#8 n-Octadecane (C18)

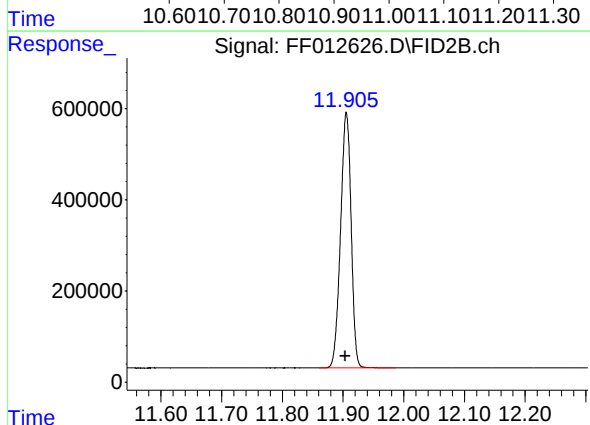
R.T.: 10.600 min
Delta R.T.: 0.003 min
Response: 7046143
Conc: 49.47 ug/ml



#9 ortho-Terphenyl (SURR)

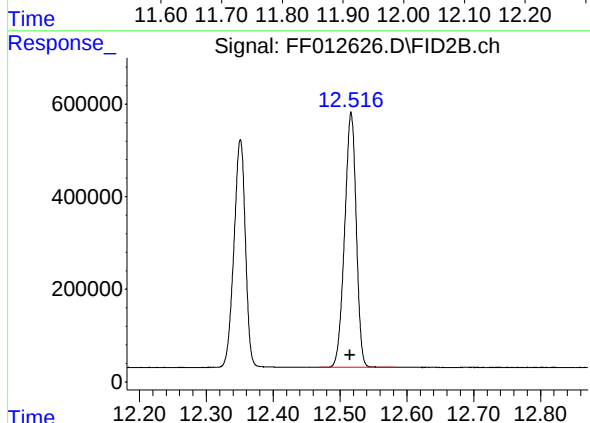
R.T.: 10.921 min
Delta R.T.: 0.004 min
Response: 7880462
Conc: 49.44 ug/ml

Instrument :
FID_F
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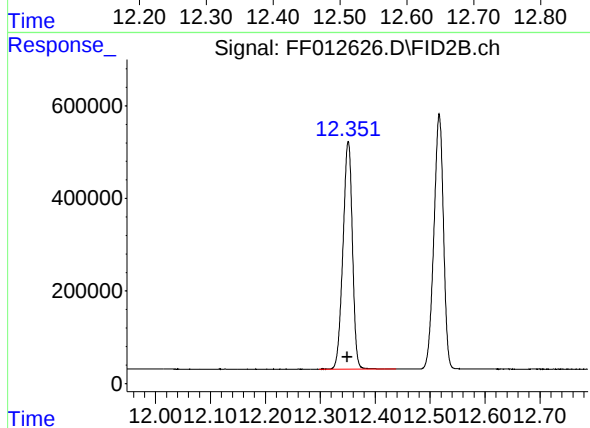
#10 n-Eicosane (C20)

R.T.: 11.906 min
Delta R.T.: 0.002 min
Response: 6772893
Conc: 49.35 ug/ml



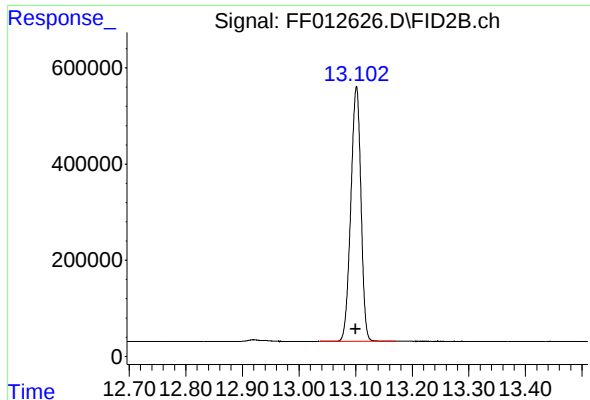
#11 n-Heneicosane (C21)

R.T.: 12.517 min
Delta R.T.: 0.002 min
Response: 6639522
Conc: 49.35 ug/ml



#12 1-chlorooctadecane (SURR)

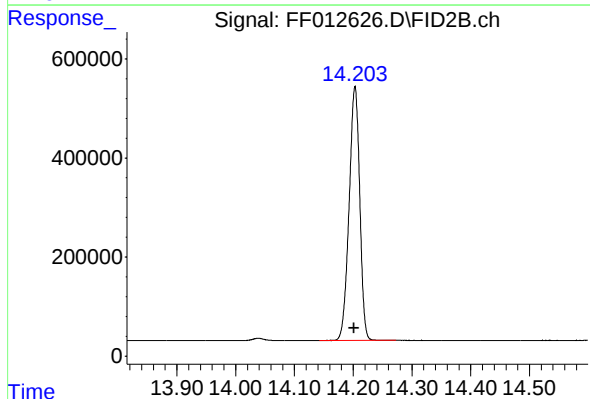
R.T.: 12.351 min
Delta R.T.: 0.002 min
Response: 5853838
Conc: 49.46 ug/ml



#13 n-Docosane (C22)

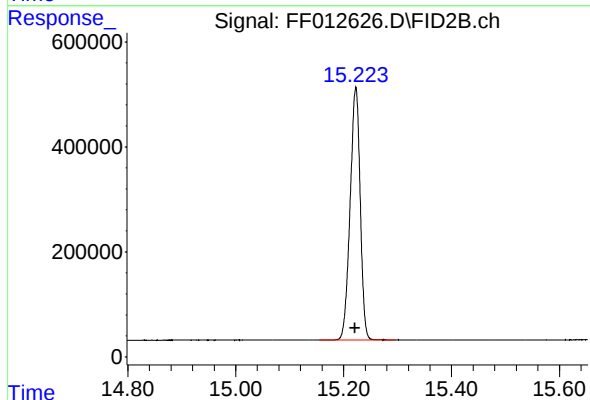
R.T.: 13.102 min
Delta R.T.: 0.002 min
Response: 6578273
Conc: 49.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



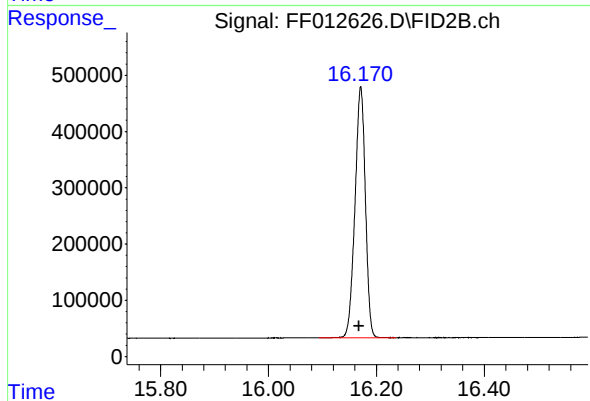
#14 n-Tetracosane (C24)

R.T.: 14.203 min
Delta R.T.: 0.002 min
Response: 6453446
Conc: 49.23 ug/ml



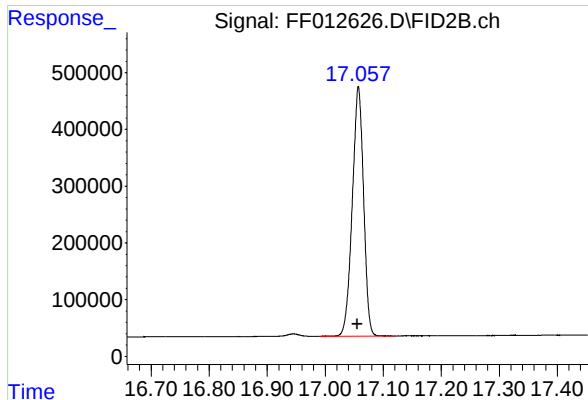
#15 n-Hexacosane (C26)

R.T.: 15.223 min
Delta R.T.: 0.002 min
Response: 6231678
Conc: 49.20 ug/ml



#16 n-Octacosane (C28)

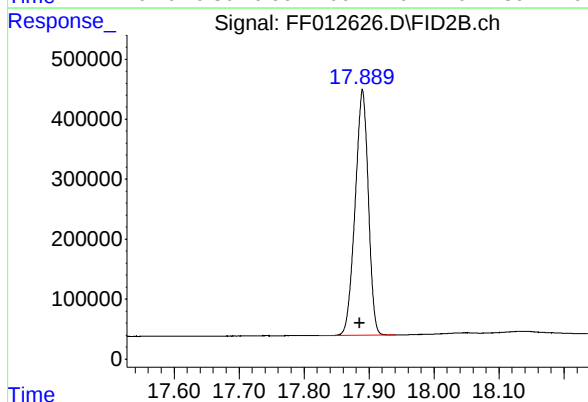
R.T.: 16.171 min
Delta R.T.: 0.003 min
Response: 5978218
Conc: 49.05 ug/ml



#17 n-Tricontane (C30)

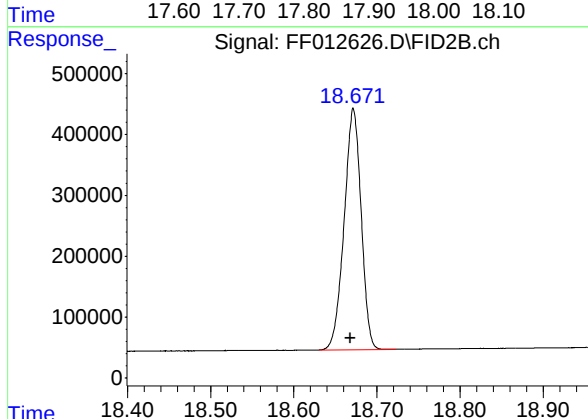
R.T.: 17.057 min
Delta R.T.: 0.002 min
Response: 5945604
Conc: 48.99 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



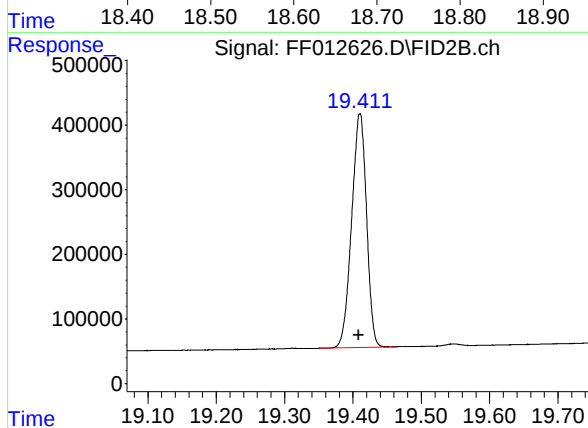
#18 n-Dotriacontane (C32)

R.T.: 17.890 min
Delta R.T.: 0.004 min
Response: 5767862
Conc: 48.76 ug/ml



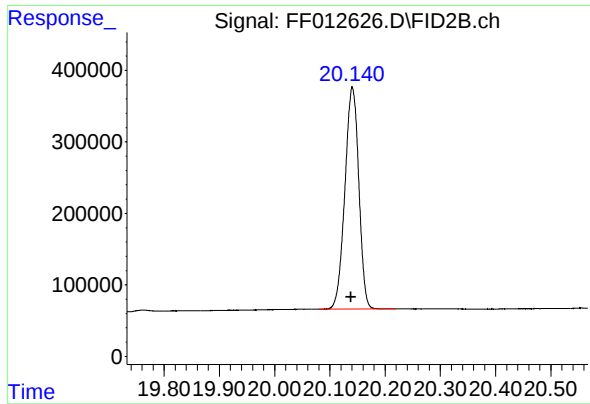
#19 n-Tetatriacontane (C34)

R.T.: 18.672 min
Delta R.T.: 0.003 min
Response: 5641267
Conc: 49.20 ug/ml



#20 n-Hexatriacontane (C36)

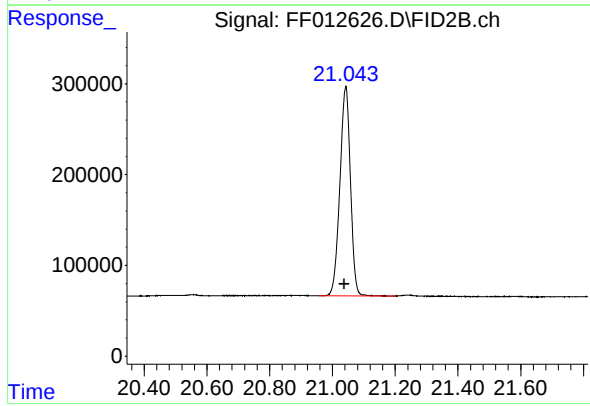
R.T.: 19.410 min
Delta R.T.: 0.002 min
Response: 5476421
Conc: 49.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.141 min
Delta R.T.: 0.002 min
Response: 5434585
Conc: 49.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.004 min
Response: 5382227
Conc: 49.72 ug/ml