

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012660.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 11:40
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 10 12:46:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 12:45:52 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)	11.986	6810466	50.958 ug/ml
Spiked Amount 50.000		Recovery =	101.92%
12) S 1-chlorooctadecane (S...	13.425	5297991	51.195 ug/ml
Spiked Amount 50.000		Recovery =	102.39%
Target Compounds			
1) T n-Nonane (C9)	3.348	5211832	50.506 ug/ml
2) T n-Decane (C10)	4.599	5253320	50.311 ug/ml
3) T A~Naphthalene (C11.7)	6.305	5716987	50.418 ug/ml
4) T n-Dodecane (C12)	6.771	5347713	50.402 ug/ml
5) T A~2-methylnaphthalene...	7.404	5746215	50.521 ug/ml
6) T n-Tetradecane (C14)	8.604	5381878	50.470 ug/ml
7) T n-Hexadecane (C16)	10.217	5480593	50.774 ug/ml
8) T n-Octadecane (C18)	11.666	5572660	50.903 ug/ml
10) T n-Eicosane (C20)	12.979	5583773	50.978 ug/ml
11) T n-Heneicosane (C21)	13.593	5576007	50.862 ug/ml
13) T n-Docosane (C22)	14.181	5541693	50.914 ug/ml
14) T n-Tetracosane (C24)	15.287	5458946	50.843 ug/ml
15) T n-Hexacosane (C26)	16.310	5318858	50.845 ug/ml
16) T n-Octacosane (C28)	17.261	5130920	50.958 ug/ml
17) T n-Tricontane (C30)	18.149	5033169	50.788 ug/ml
18) T n-Dotriacontane (C32)	18.983	4906590	49.699 ug/ml
19) T n-Tetratriacontane (C34)	19.767	4629255	50.396 ug/ml
20) T n-Hexatriacontane (C36)	20.506	4541047	50.494 ug/ml
21) T n-Octatriacontane (C38)	21.264	4277751	49.998 ug/ml
22) T n-Tetracontane (C40)	22.212	4146312	50.531 ug/ml

(f)=RT Delta > 1/2 Window

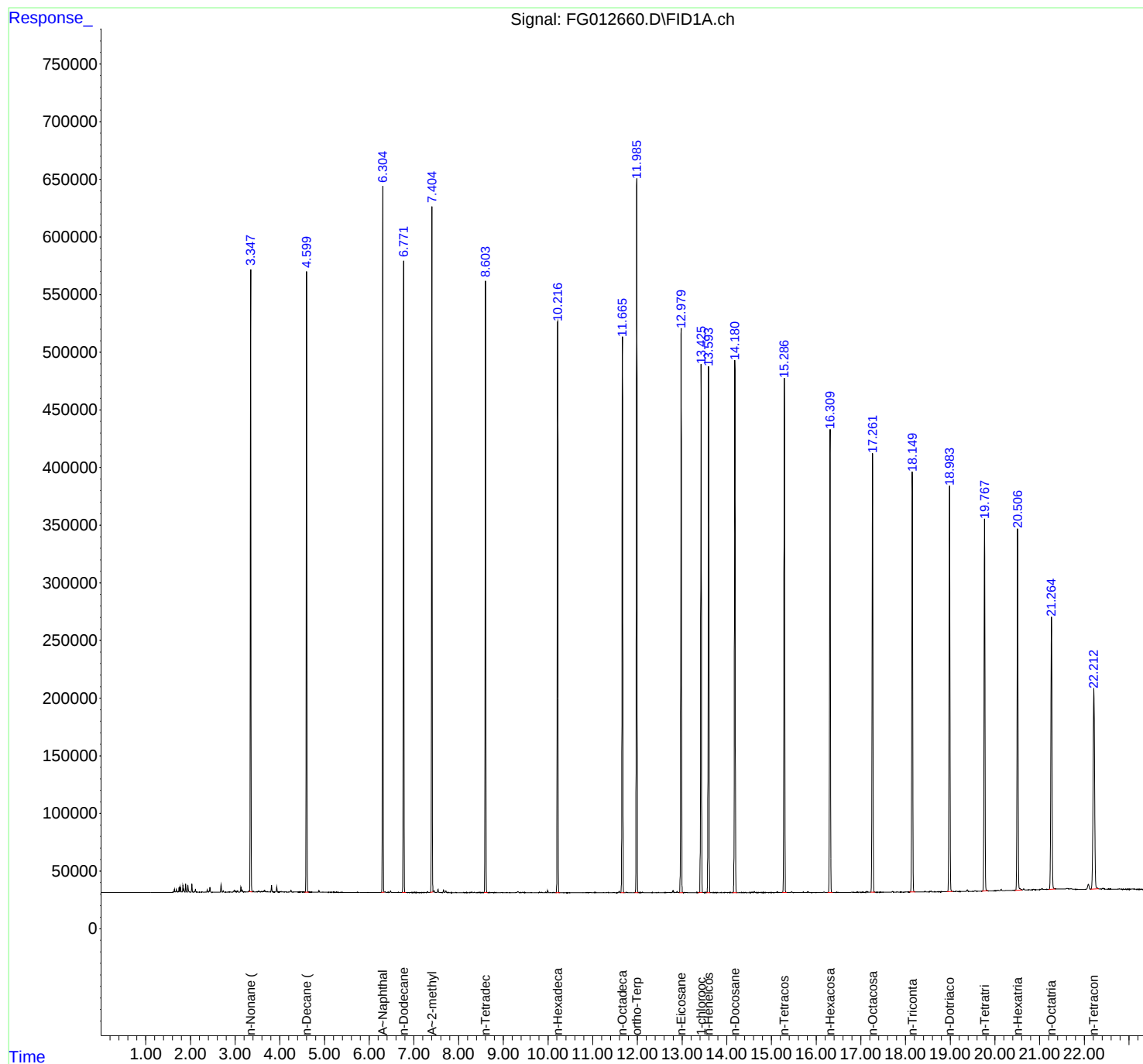
(m)=manual int.

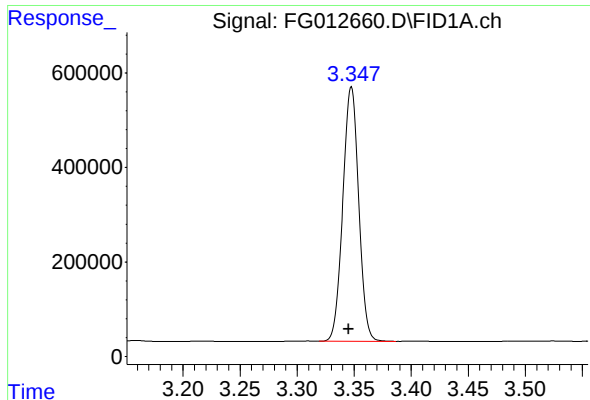
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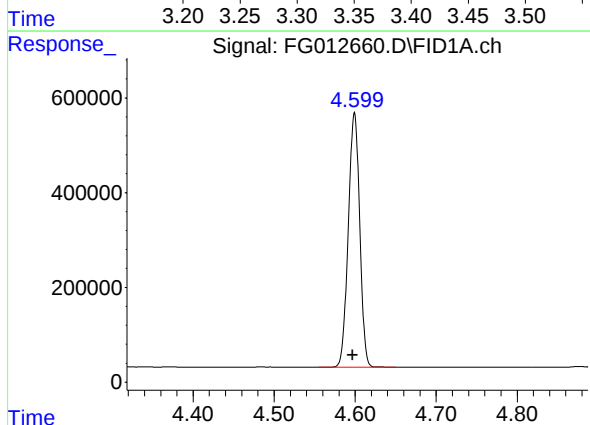




#1 n-Nonane (C9)

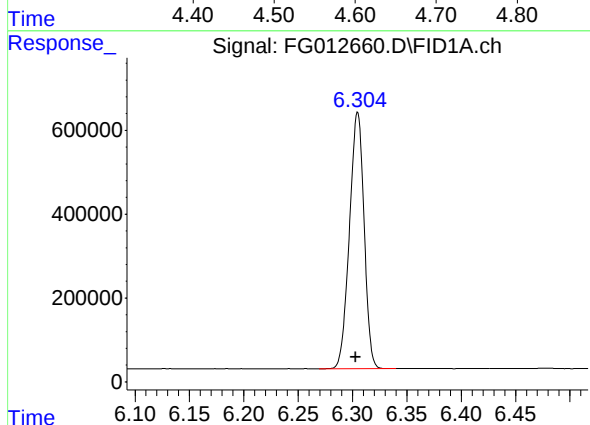
R.T.: 3.348 min
Delta R.T.: 0.003 min
Response: 5211832
Conc: 50.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



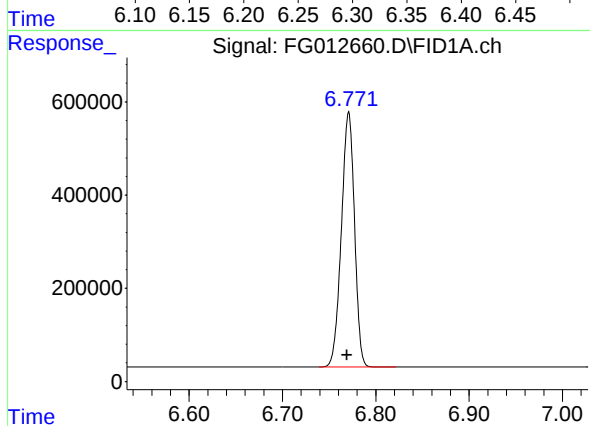
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 5253320
Conc: 50.31 ug/ml



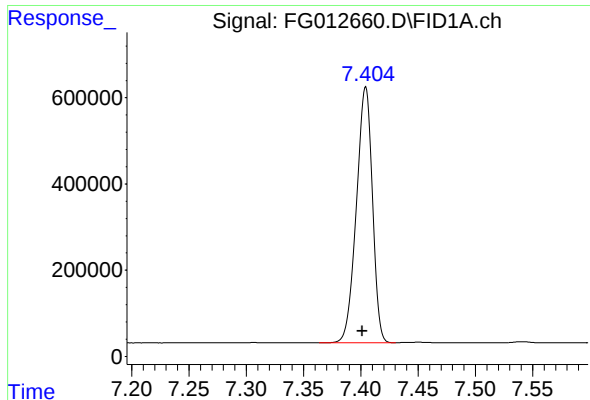
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 5716987
Conc: 50.42 ug/ml



#4 n-Dodecane (C12)

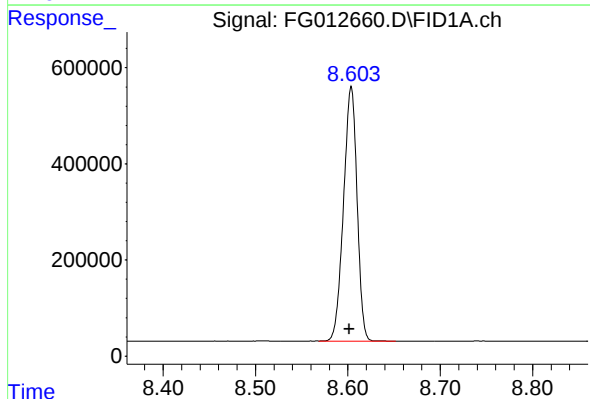
R.T.: 6.771 min
Delta R.T.: 0.002 min
Response: 5347713
Conc: 50.40 ug/ml



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

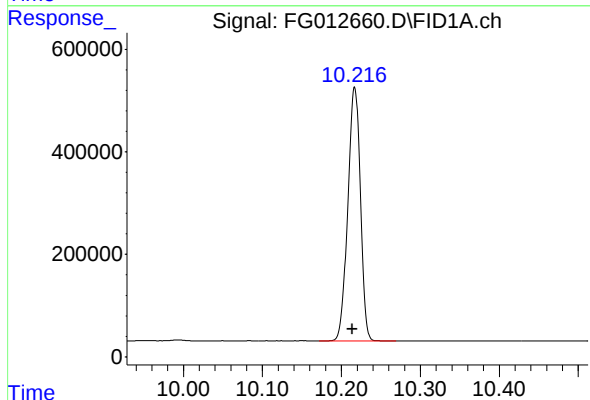
R.T.: 7.404 min
Delta R.T.: 0.003 min
Response: 5746215
Conc: 50.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



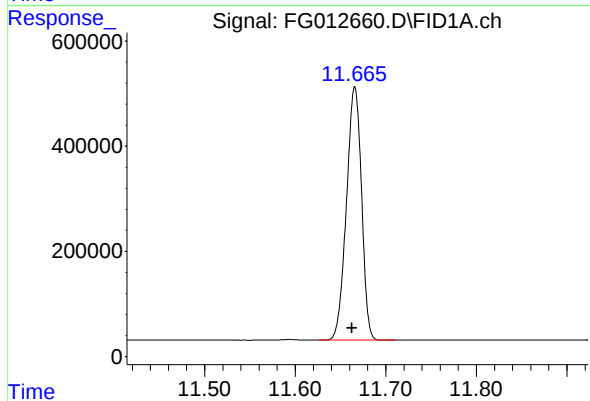
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 5381878
Conc: 50.47 ug/ml



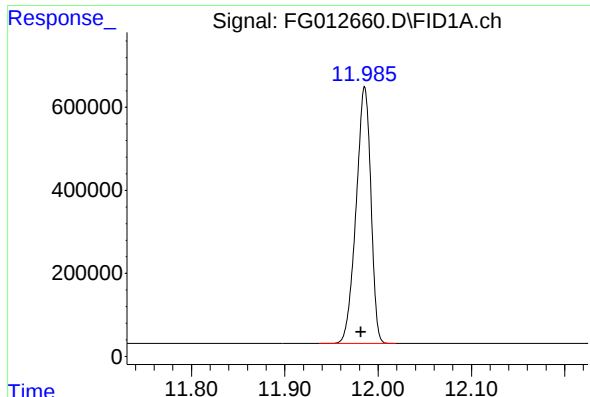
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.003 min
Response: 5480593
Conc: 50.77 ug/ml



#8 n-Octadecane (C18)

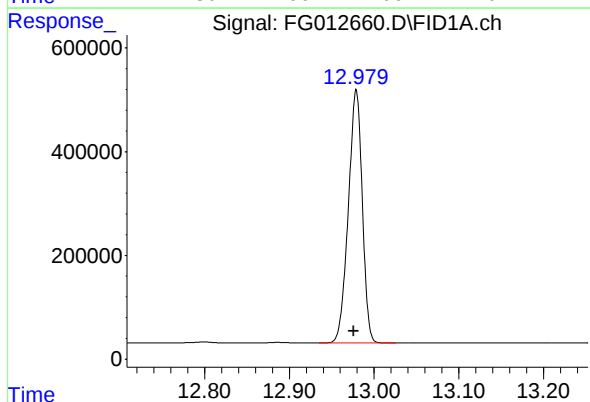
R.T.: 11.666 min
Delta R.T.: 0.003 min
Response: 5572660
Conc: 50.90 ug/ml



#9 ortho-Terphenyl (SURR)

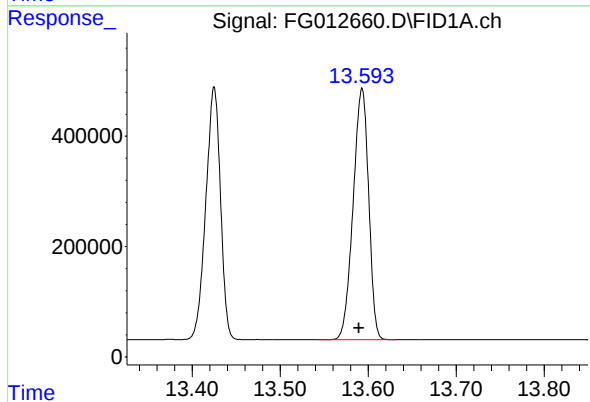
R.T.: 11.986 min
Delta R.T.: 0.004 min
Response: 6810466
Conc: 50.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



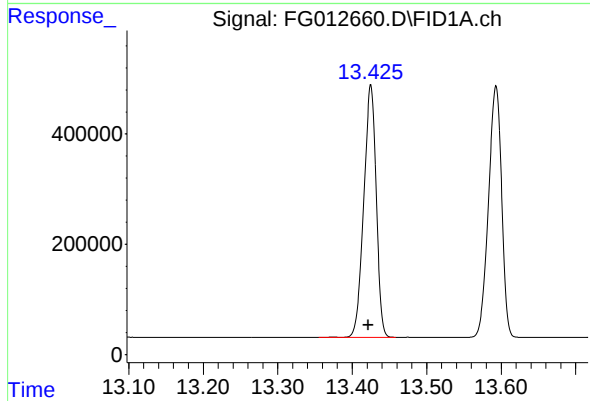
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.003 min
Response: 5583773
Conc: 50.98 ug/ml



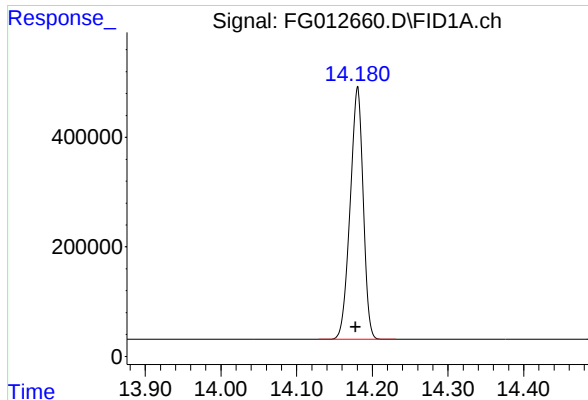
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.004 min
Response: 5576007
Conc: 50.86 ug/ml



#12 1-chlorooctadecane (SURR)

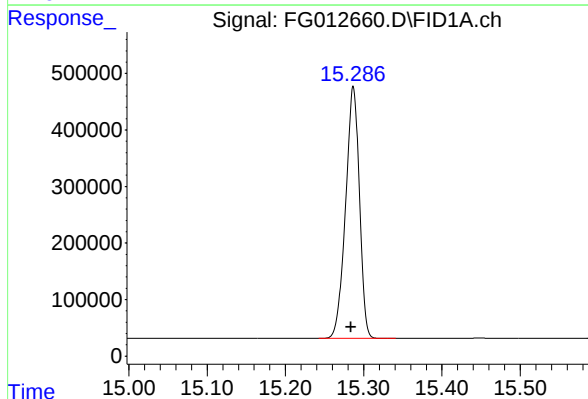
R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 5297991
Conc: 51.19 ug/ml



#13 n-Docosane (C22)

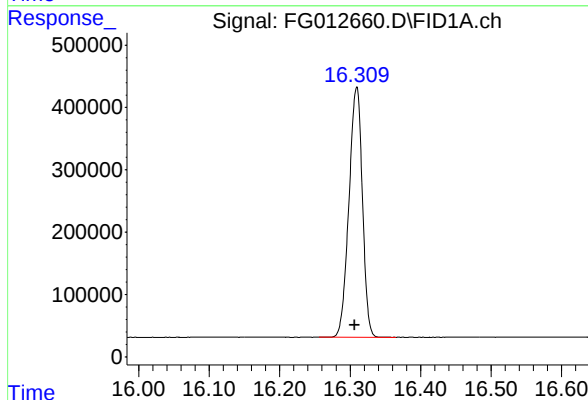
R.T.: 14.181 min
Delta R.T.: 0.003 min
Response: 5541693
Conc: 50.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



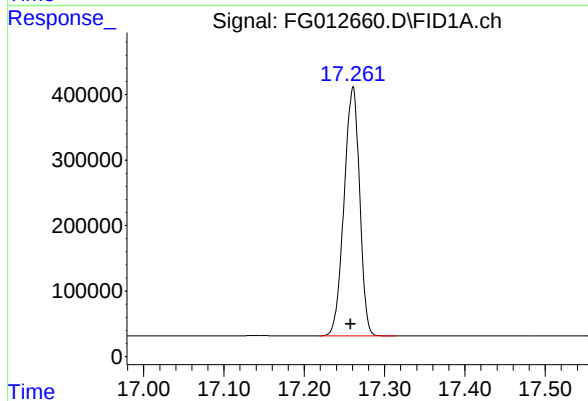
#14 n-Tetracosane (C24)

R.T.: 15.287 min
Delta R.T.: 0.003 min
Response: 5458946
Conc: 50.84 ug/ml



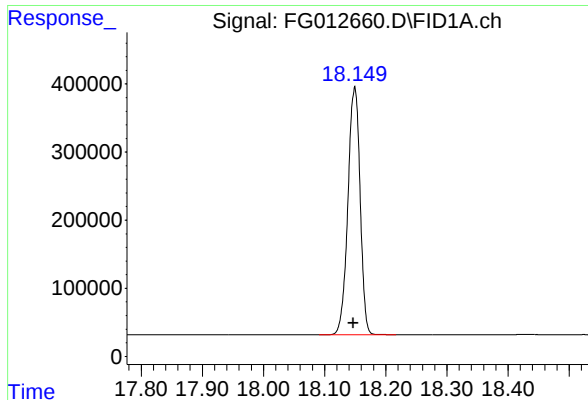
#15 n-Hexacosane (C26)

R.T.: 16.310 min
Delta R.T.: 0.003 min
Response: 5318858
Conc: 50.85 ug/ml



#16 n-Octacosane (C28)

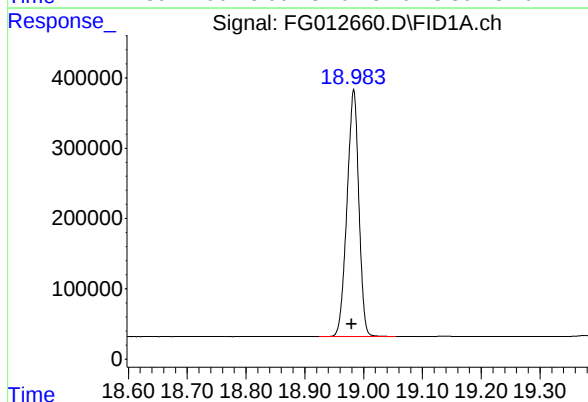
R.T.: 17.261 min
Delta R.T.: 0.003 min
Response: 5130920
Conc: 50.96 ug/ml



#17 n-Tricontane (C30)

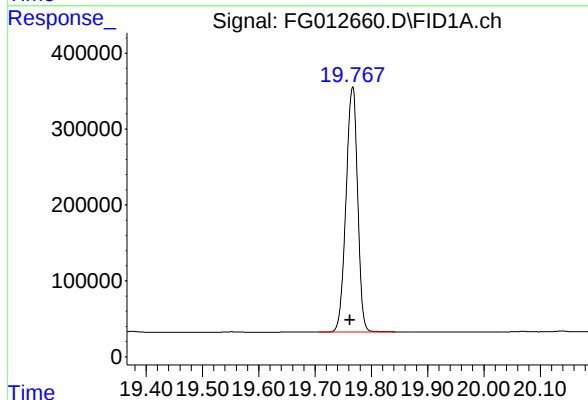
R.T.: 18.149 min
Delta R.T.: 0.002 min
Response: 5033169
Conc: 50.79 ug/ml

Instrument :
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ClientSampleId :
50 PPM ALIPHATIC HC STD2



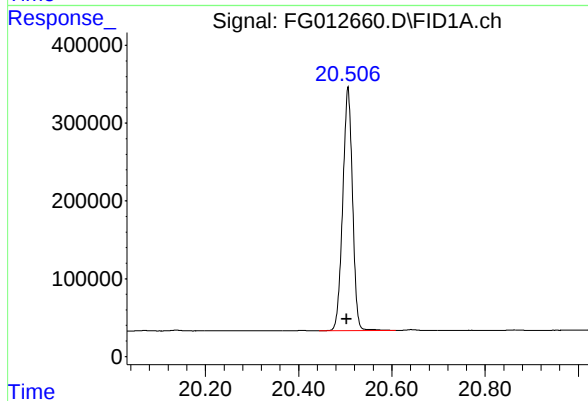
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.003 min
Response: 4906590
Conc: 49.70 ug/ml



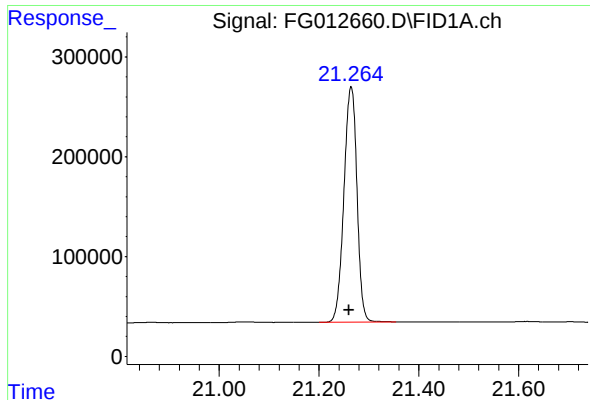
#19 n-Tetratriacontane (C34)

R.T.: 19.767 min
Delta R.T.: 0.005 min
Response: 4629255
Conc: 50.40 ug/ml



#20 n-Hexatriacontane (C36)

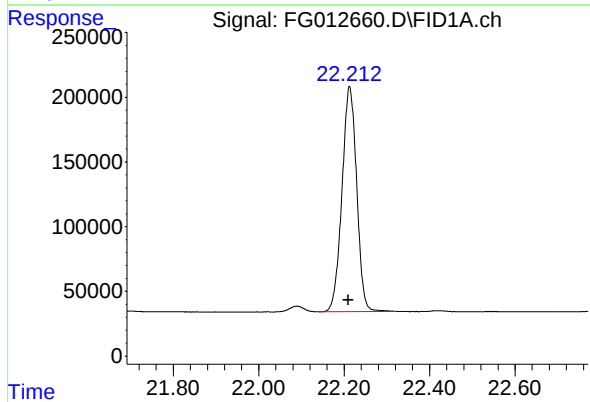
R.T.: 20.506 min
Delta R.T.: 0.003 min
Response: 4541047
Conc: 50.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.005 min
Response: 4277751
Conc: 50.00 ug/ml

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

R.T.: 22.212 min
Delta R.T.: 0.003 min
Response: 4146312
Conc: 50.53 ug/ml