

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012150.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 10:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 01:17:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.914	3404377	21.751 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
12) S 1-chlorooctadecane (S...	12.353	2536602	21.391 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
Target Compounds			
1) T n-Nonane (C9)	2.748	2540373	22.064 ug/ml
2) T n-Decane (C10)	3.759	2620708	22.218 ug/ml
3) T A~Naphthalene (C11.7)	5.329	2928370	22.341 ug/ml
4) T n-Dodecane (C12)	5.752	2689990	22.428 ug/ml
5) T A~2-methylnaphthalene...	6.380	2814062	22.292 ug/ml
6) T n-Tetradecane (C14)	7.548	2694759	22.191 ug/ml
7) T n-Hexadecane (C16)	9.152	2862231	22.045 ug/ml
8) T n-Octadecane (C18)	10.597	2979078	21.886 ug/ml
10) T n-Eicosane (C20)	11.907	2916261	21.610 ug/ml
11) T n-Heneicosane (C21)	12.521	2879310	21.422 ug/ml
13) T n-Docosane (C22)	13.108	2850934	21.098 ug/ml
14) T n-Tetracosane (C24)	14.213	2787379	20.481 ug/ml
15) T n-Hexacosane (C26)	15.238	2672443	19.977 ug/ml
16) T n-Octacosane (C28)	16.189	2570072	19.686 ug/ml
17) T n-Tricontane (C30)	17.078	2604511	19.748 ug/ml
18) T n-Dotriacontane (C32)	17.912	2584441	20.117 ug/ml
19) T n-Tetratriacontane (C34)	18.697	2552293	20.830 ug/ml
20) T n-Hexatriacontane (C36)	19.440	2467672	21.212 ug/ml
21) T n-Octatriacontane (C38)	20.180	2470186	21.985 ug/ml
22) T n-Tetracontane (C40)	21.101	2531326	23.494 ug/ml

(f)=RT Delta > 1/2 Window

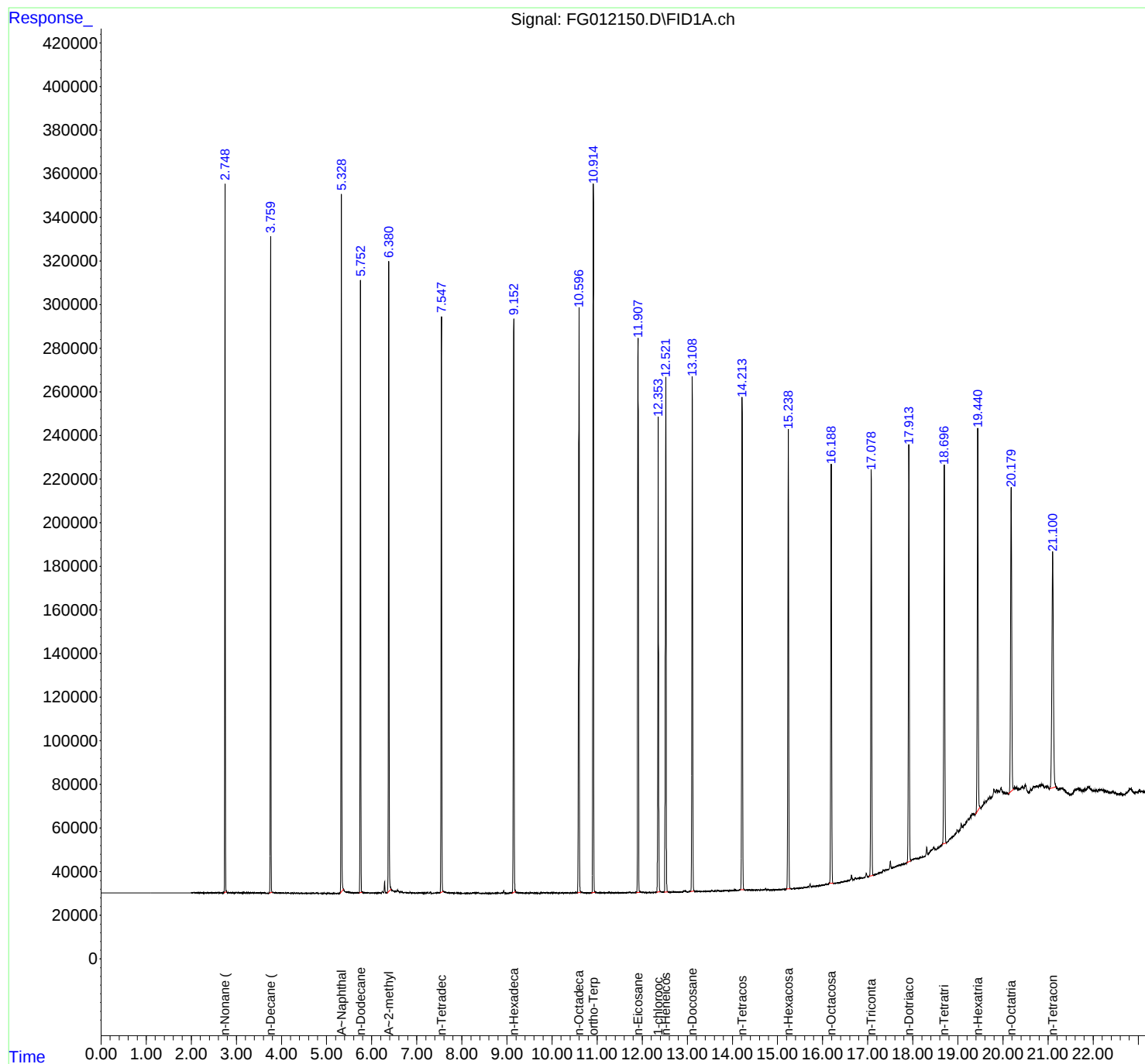
(m)=manual int.

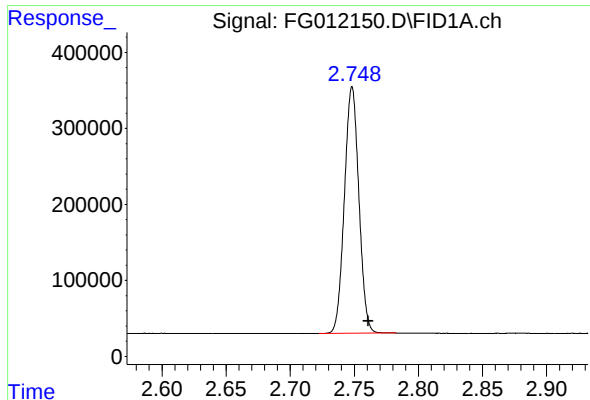
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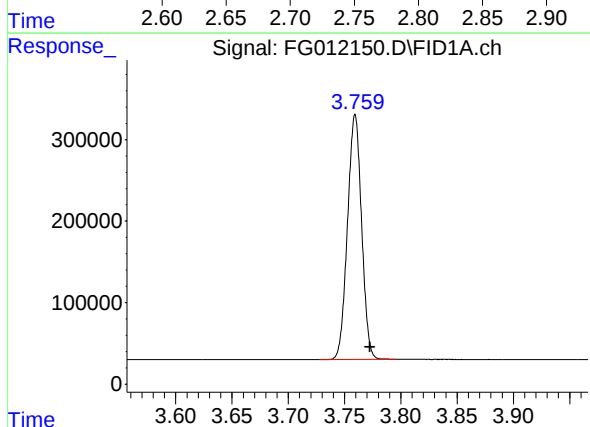




#1 n-Nonane (C9)

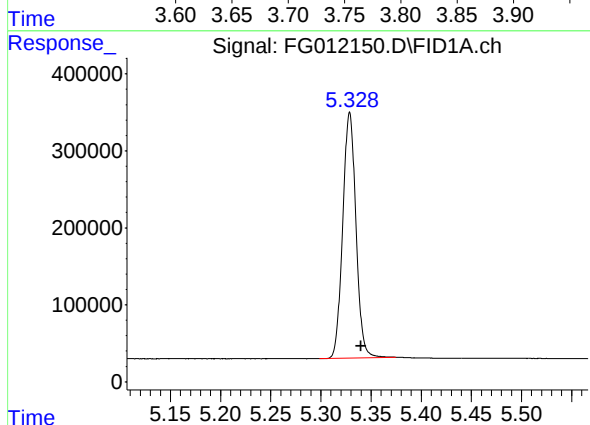
R.T.: 2.748 min
Delta R.T.: -0.013 min
Response: 2540373
Conc: 22.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



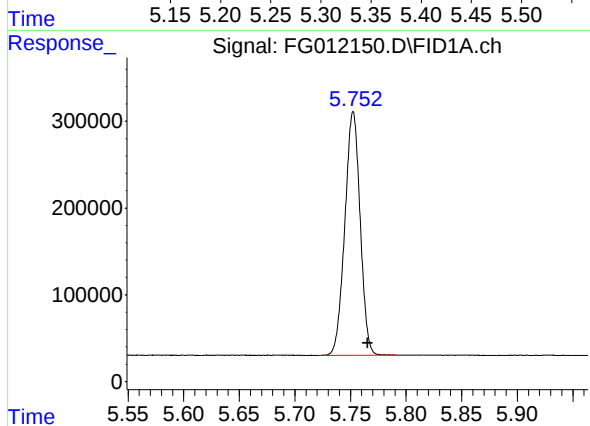
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: -0.013 min
Response: 2620708
Conc: 22.22 ug/ml



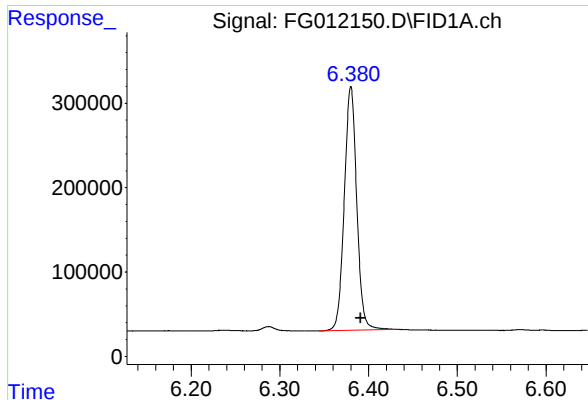
#3 n-Undecane (C11)

R.T.: 5.329 min
Delta R.T.: -0.011 min
Response: 2928370
Conc: 22.34 ug/ml



#4 n-Dodecane (C12)

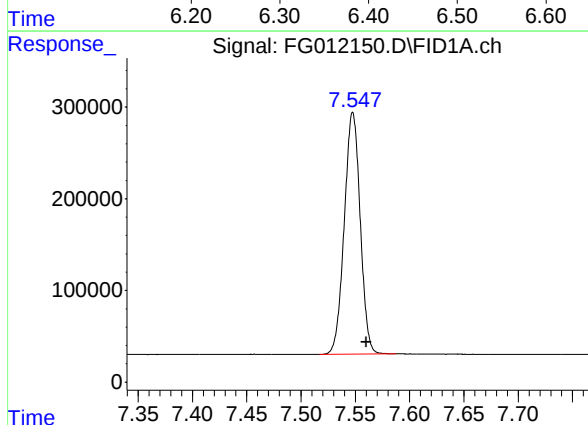
R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 2689990
Conc: 22.43 ug/ml



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

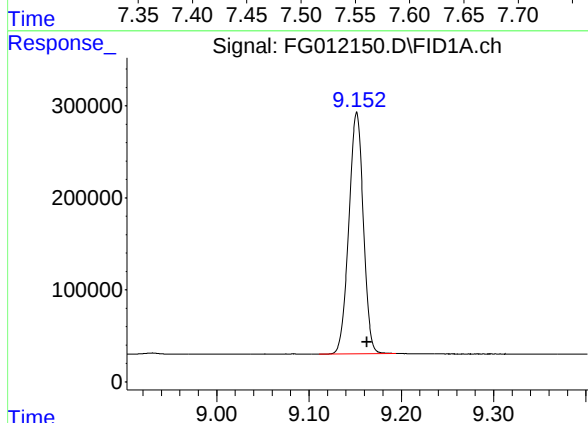
R.T.: 6.380 min
Delta R.T.: -0.011 min
Response: 2814062
Conc: 22.29 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



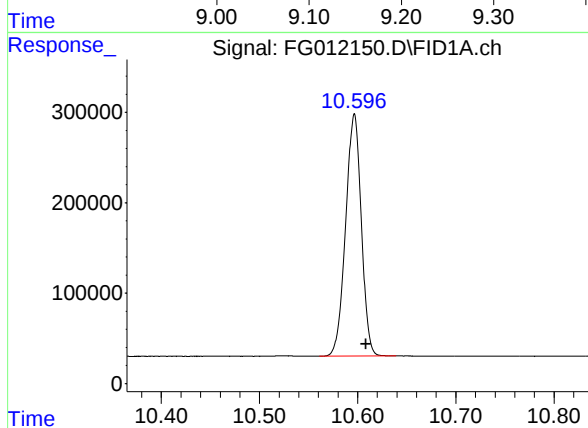
#6 n-Tetradecane (C14)

R.T.: 7.548 min
Delta R.T.: -0.012 min
Response: 2694759
Conc: 22.19 ug/ml



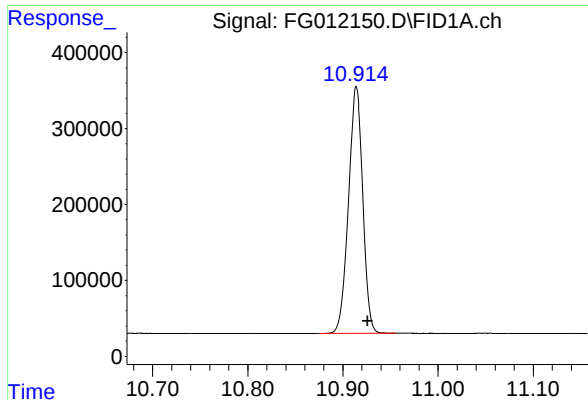
#7 n-Hexadecane (C16)

R.T.: 9.152 min
Delta R.T.: -0.011 min
Response: 2862231
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

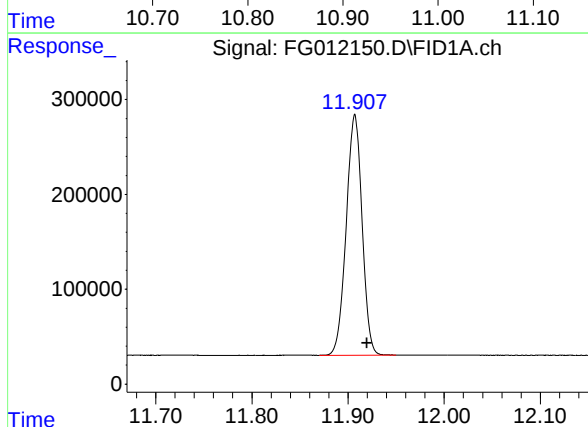
R.T.: 10.597 min
Delta R.T.: -0.012 min
Response: 2979078
Conc: 21.89 ug/ml



#9 ortho-Terphenyl (SURR)

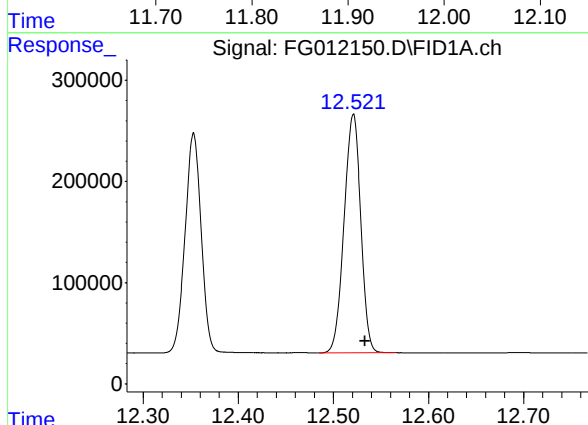
R.T.: 10.914 min
Delta R.T.: -0.012 min
Response: 3404377
Conc: 21.75 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



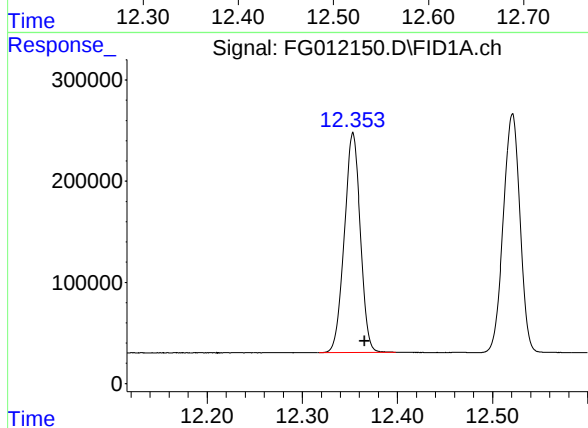
#10 n-Eicosane (C20)

R.T.: 11.907 min
Delta R.T.: -0.013 min
Response: 2916261
Conc: 21.61 ug/ml



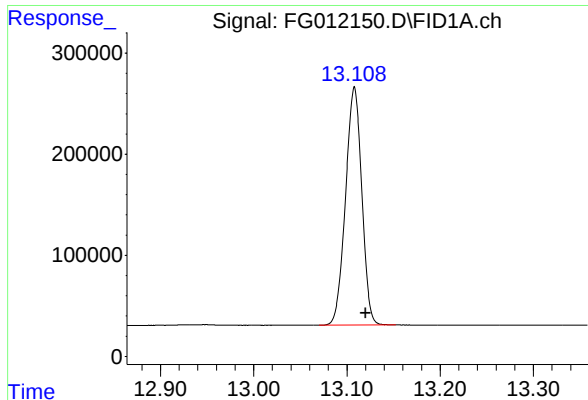
#11 n-Heneicosane (C21)

R.T.: 12.521 min
Delta R.T.: -0.012 min
Response: 2879310
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

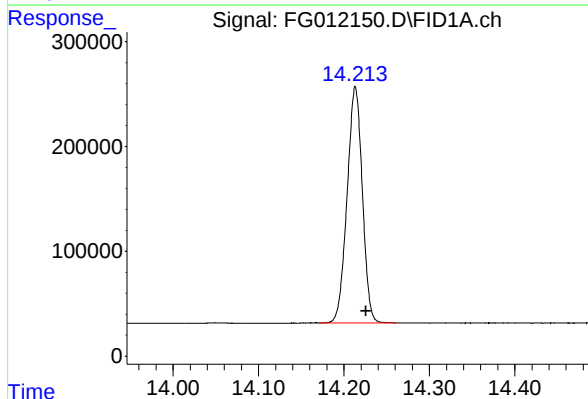
R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 2536602
Conc: 21.39 ug/ml



#13 n-Docosane (C22)

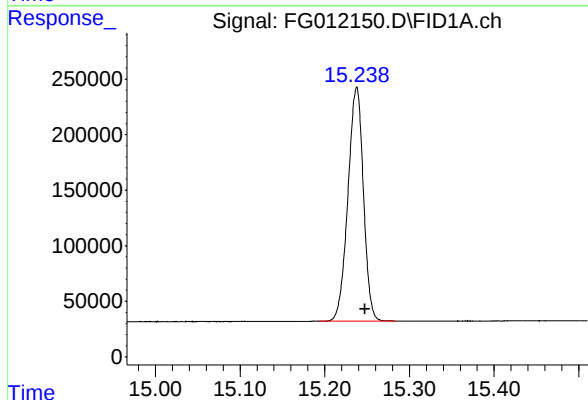
R.T.: 13.108 min
Delta R.T.: -0.012 min
Response: 2850934
Conc: 21.10 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



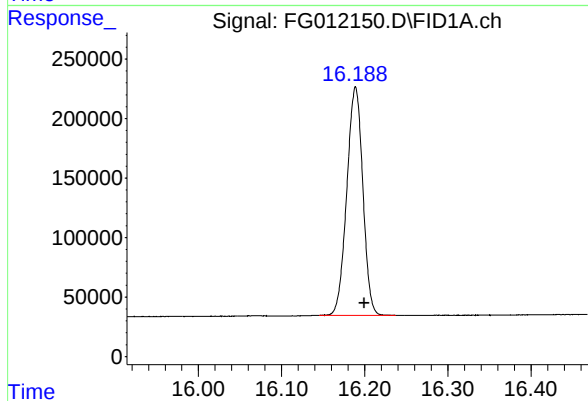
#14 n-Tetracosane (C24)

R.T.: 14.213 min
Delta R.T.: -0.012 min
Response: 2787379
Conc: 20.48 ug/ml



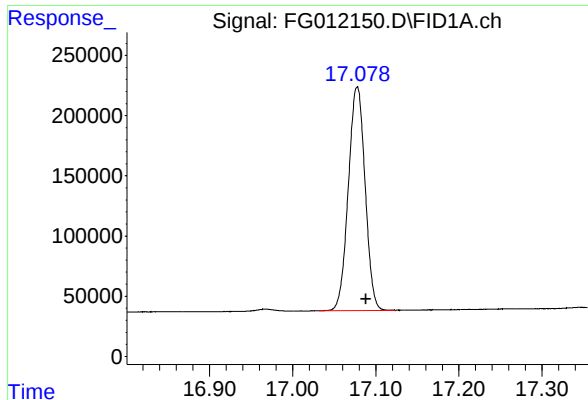
#15 n-Hexacosane (C26)

R.T.: 15.238 min
Delta R.T.: -0.010 min
Response: 2672443
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

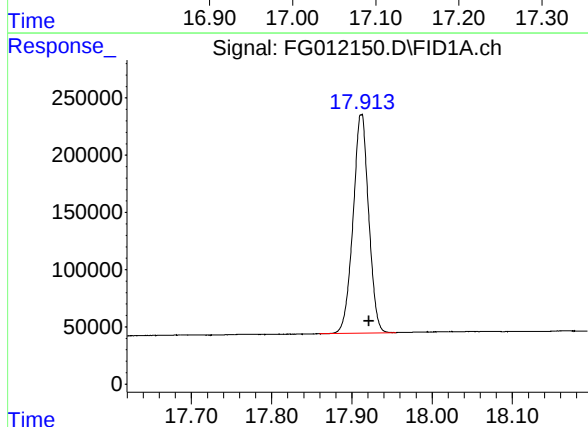
R.T.: 16.189 min
Delta R.T.: -0.011 min
Response: 2570072
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

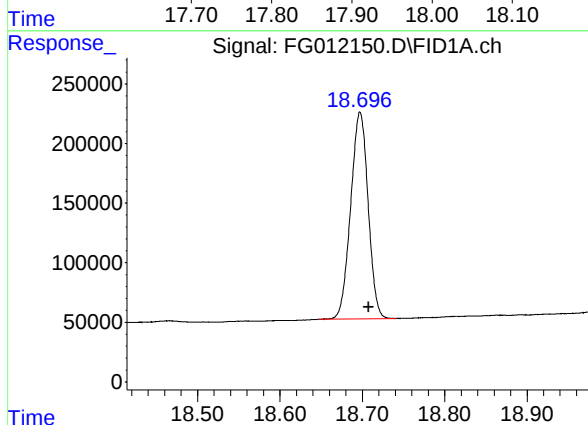
R.T.: 17.078 min
Delta R.T.: -0.011 min
Response: 2604511
Conc: 19.75 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



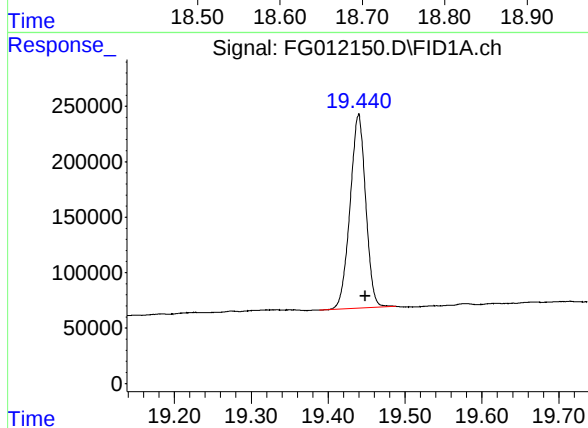
#18 n-Dotriacontane (C32)

R.T.: 17.912 min
Delta R.T.: -0.009 min
Response: 2584441
Conc: 20.12 ug/ml



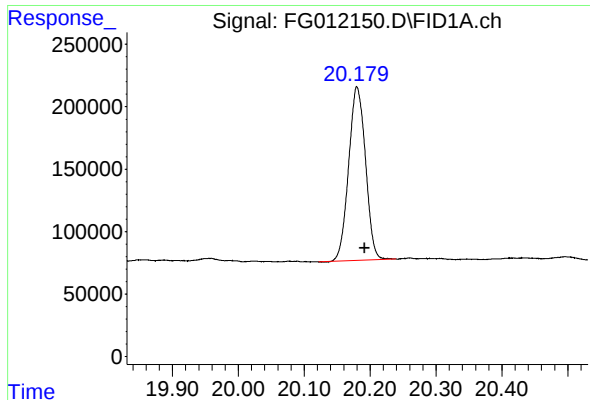
#19 n-Tetatriacontane (C34)

R.T.: 18.697 min
Delta R.T.: -0.011 min
Response: 2552293
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

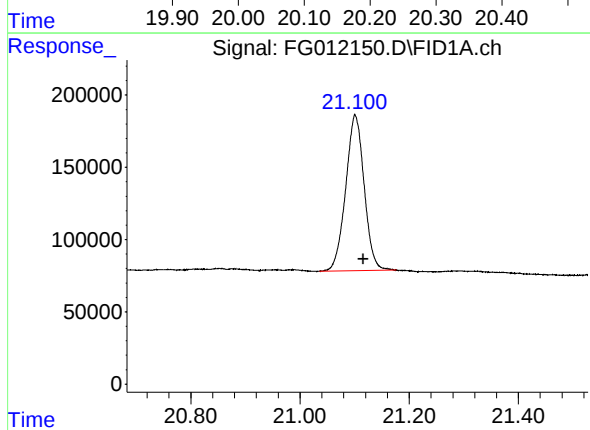
R.T.: 19.440 min
Delta R.T.: -0.009 min
Response: 2467672
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.180 min
Delta R.T.: -0.011 min
Response: 2470186
Conc: 21.99 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.101 min
Delta R.T.: -0.015 min
Response: 2531326
Conc: 23.49 ug/ml