

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014948.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 12:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 10 12:35:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 12:07:47 2024
 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)	11.944	2697418	17.737 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	13.383	1966306	17.870 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
Target Compounds			
1) T n-Nonane (C9)	3.317	2430426	17.799 ug/ml
2) T n-Decane (C10)	4.567	2477770	17.786 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2622818	17.844 ug/ml
4) T n-Dodecane (C12)	6.736	2498330	17.776 ug/ml
5) T A~2-methylnaphthalene...	7.368	2491092	17.815 ug/ml
6) T n-Tetradecane (C14)	8.568	2470658	17.773 ug/ml
7) T n-Hexadecane (C16)	10.180	2531237	17.788 ug/ml
8) T n-Octadecane (C18)	11.626	2534170	17.773 ug/ml
10) T n-Eicosane (C20)	12.938	2398763	17.784 ug/ml
11) T n-Heneicosane (C21)	13.551	2343908	17.768 ug/ml
13) T n-Docosane (C22)	14.138	2312344	17.764 ug/ml
14) T n-Tetracosane (C24)	15.244	2269737	17.767 ug/ml
15) T n-Hexacosane (C26)	16.266	2192574	17.782 ug/ml
16) T n-Octacosane (C28)	17.217	2123203	17.764 ug/ml
17) T n-Tricontane (C30)	18.104	2148119	17.885 ug/ml
18) T n-Dotriacontane (C32)	18.937	2051688	17.883 ug/ml
19) T n-Tetratriacontane (C34)	19.721	1785888	17.811 ug/ml
20) T n-Hexatriacontane (C36)	20.462	1524573	17.683 ug/ml
21) T n-Octatriacontane (C38)	21.208	1388485	17.268 ug/ml
22) T n-Tetracontane (C40)	22.141	1282056	17.038 ug/ml

(f)=RT Delta > 1/2 Window

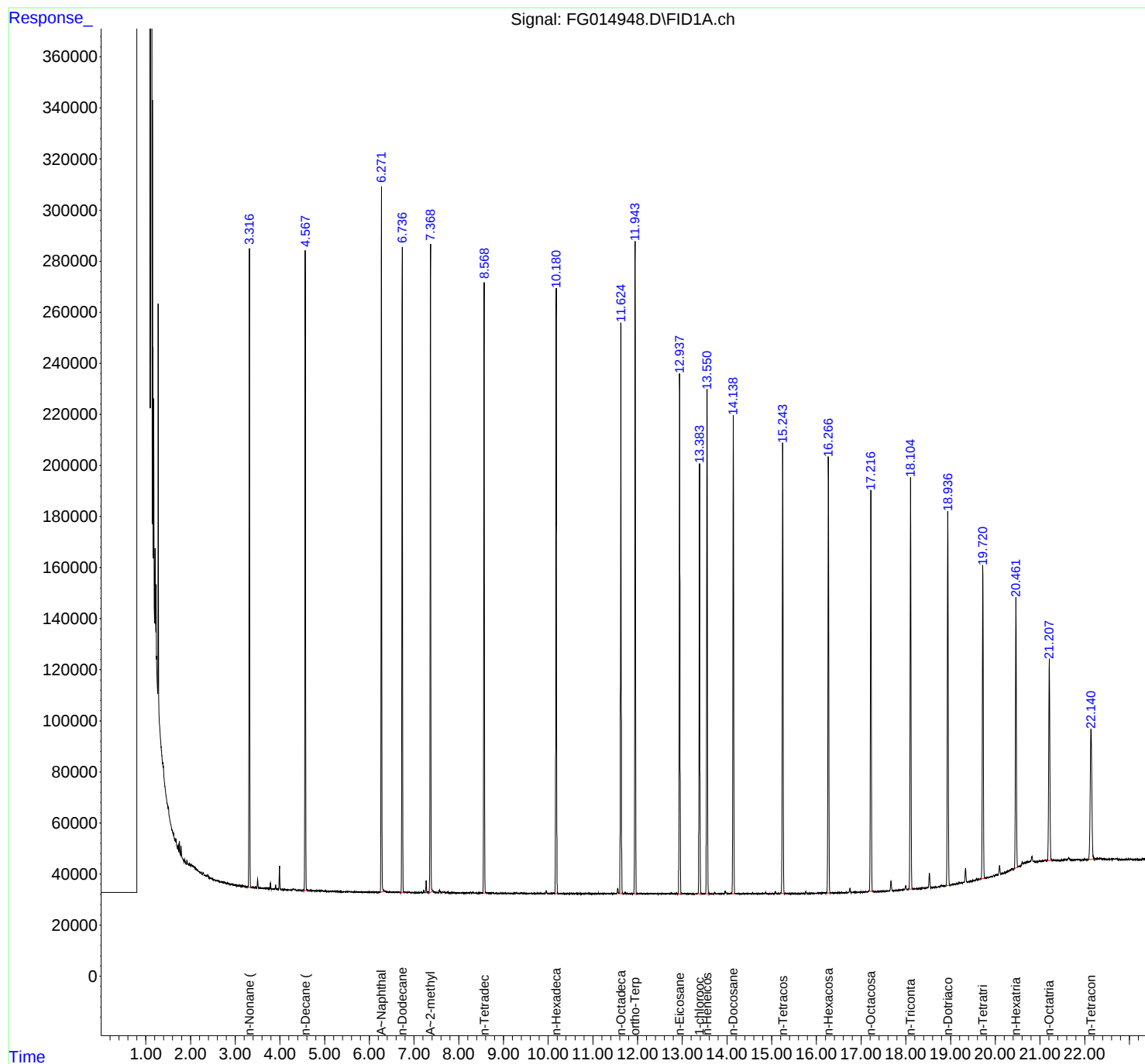
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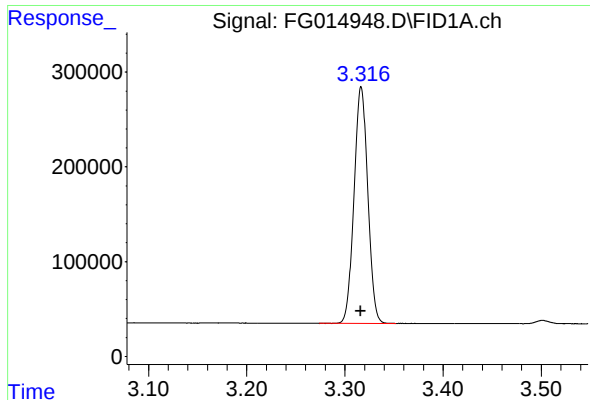
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#1 n-Nonane (C9)

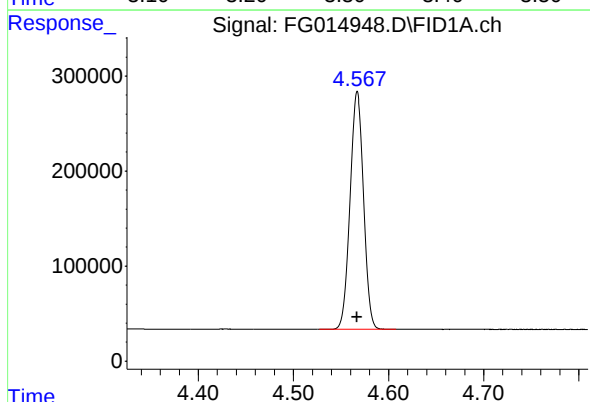
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 2430426
Conc: 17.80 ug/ml

Instrument :

FID_G

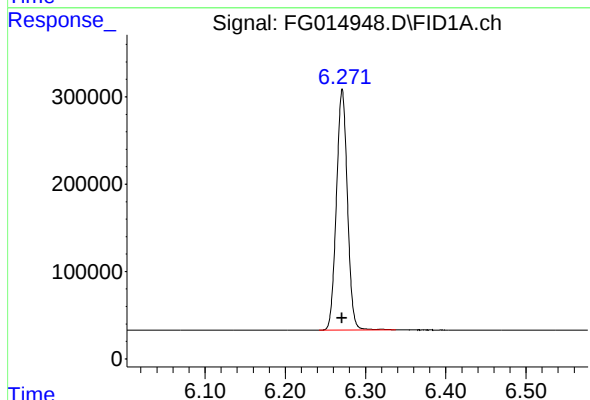
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



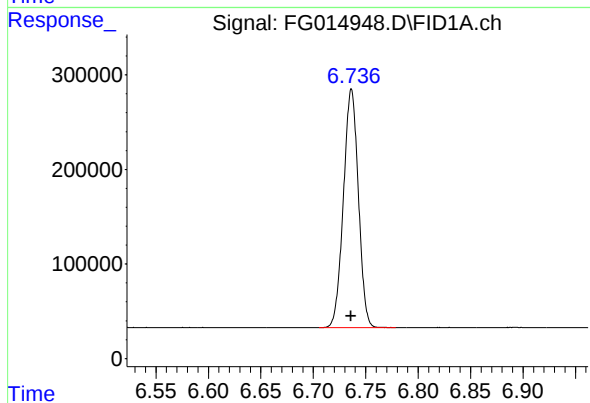
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2477770
Conc: 17.79 ug/ml



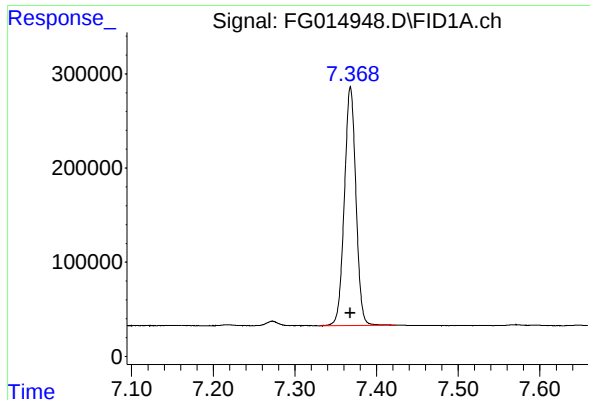
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2622818
Conc: 17.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 2498330
Conc: 17.78 ug/ml



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

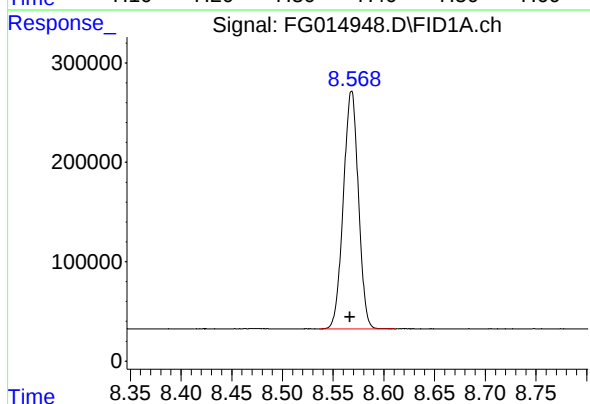
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 2491092
Conc: 17.82 ug/ml

Instrument :

FID_G

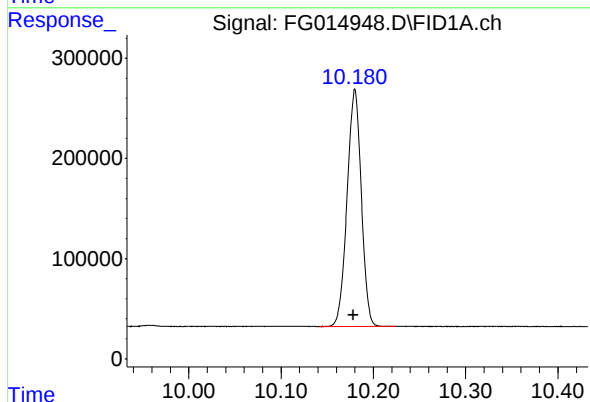
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



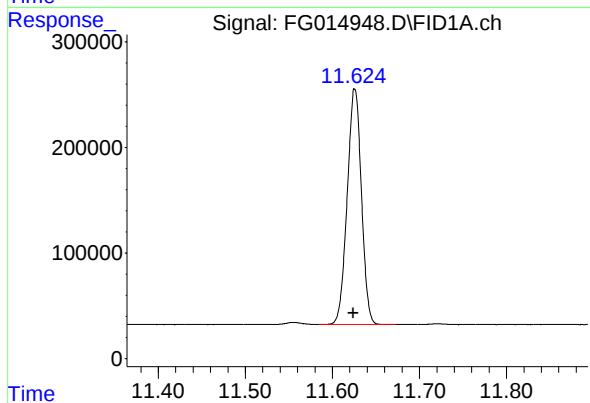
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 2470658
Conc: 17.77 ug/ml



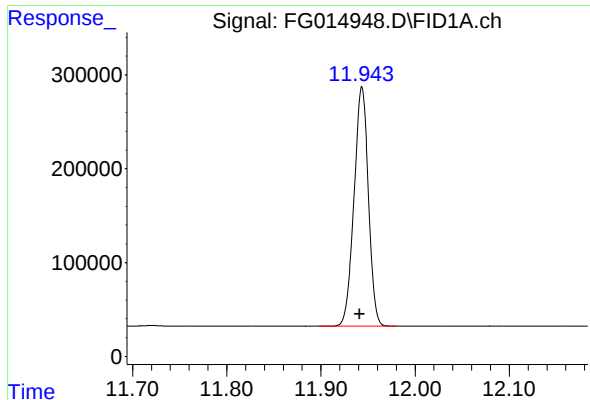
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.002 min
Response: 2531237
Conc: 17.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 2534170
Conc: 17.77 ug/ml



#9 ortho-Terphenyl (SURR)

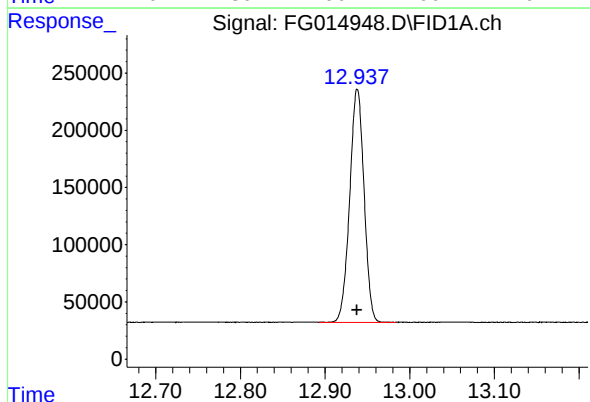
R.T.: 11.944 min
Delta R.T.: 0.002 min
Response: 2697418
Conc: 17.74 ug/ml

Instrument :

FID_G

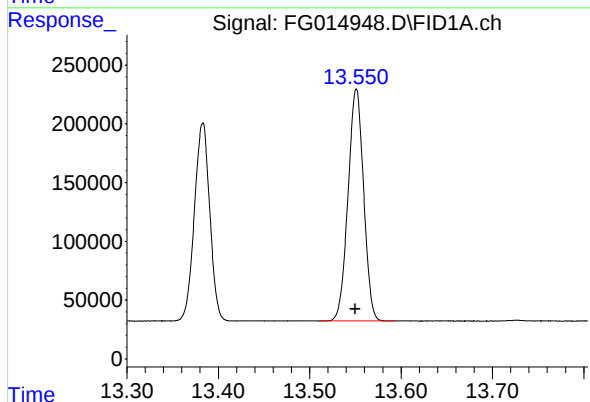
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



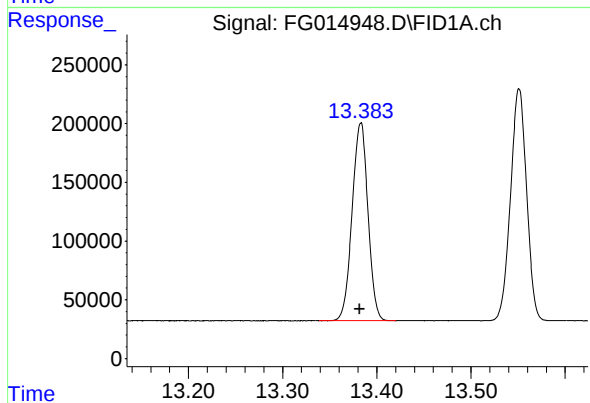
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 2398763
Conc: 17.78 ug/ml



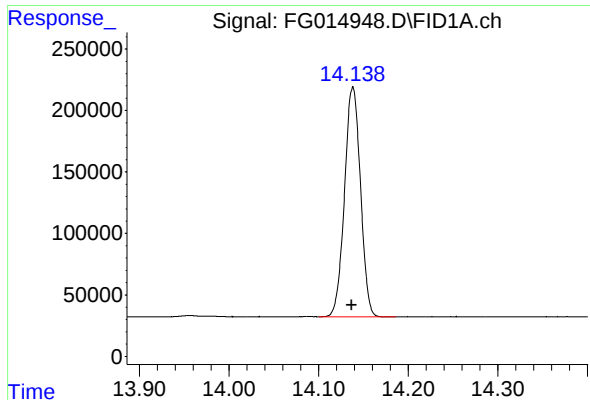
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.001 min
Response: 2343908
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.001 min
Response: 1966306
Conc: 17.87 ug/ml



#13 n-Docosane (C22)

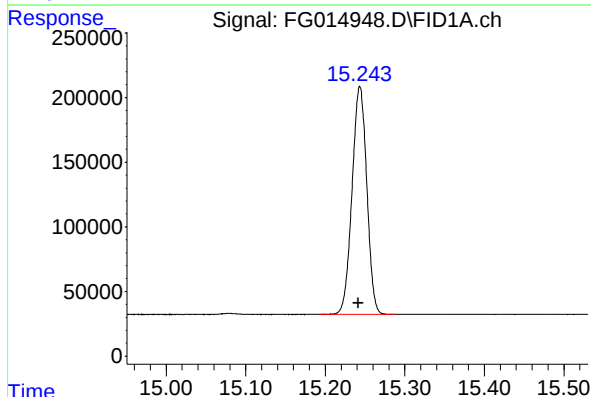
R.T.: 14.138 min
Delta R.T.: 0.001 min
Response: 2312344
Conc: 17.76 ug/ml

Instrument :

FID_G

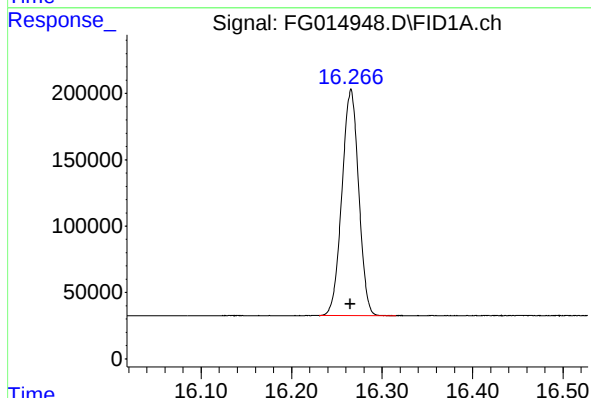
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



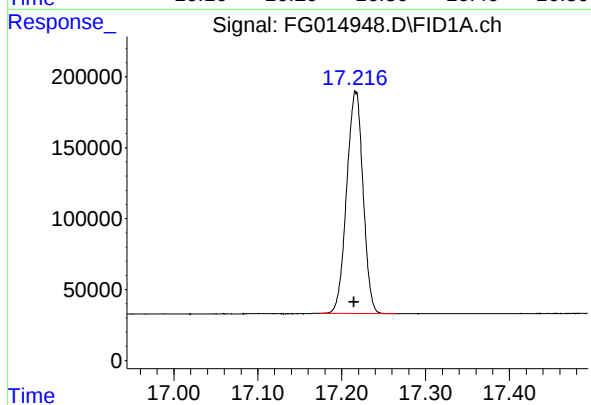
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.002 min
Response: 2269737
Conc: 17.77 ug/ml



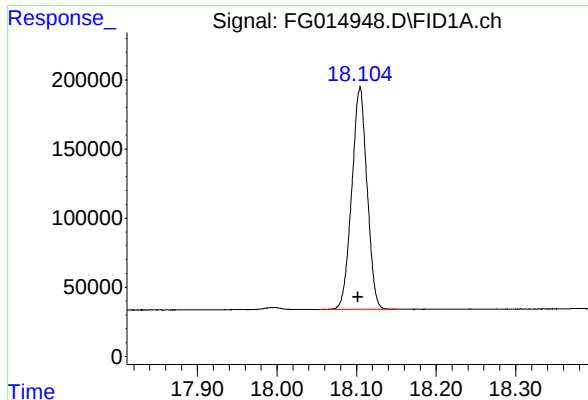
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 2192574
Conc: 17.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.002 min
Response: 2123203
Conc: 17.76 ug/ml



#17 n-Tricontane (C30)

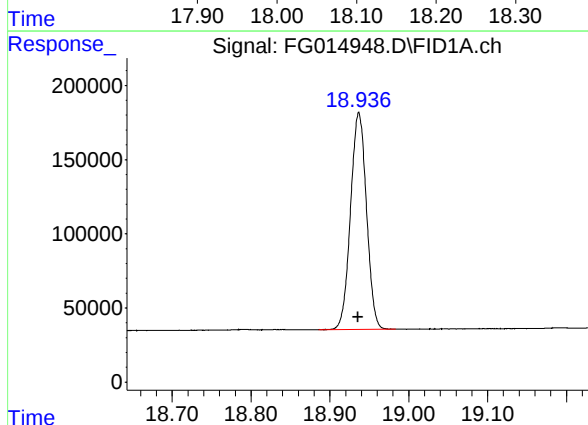
R.T.: 18.104 min
Delta R.T.: 0.002 min
Response: 2148119
Conc: 17.89 ug/ml

Instrument :

FID_G

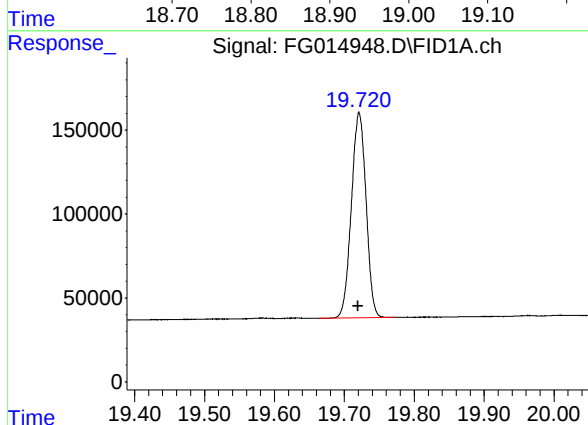
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



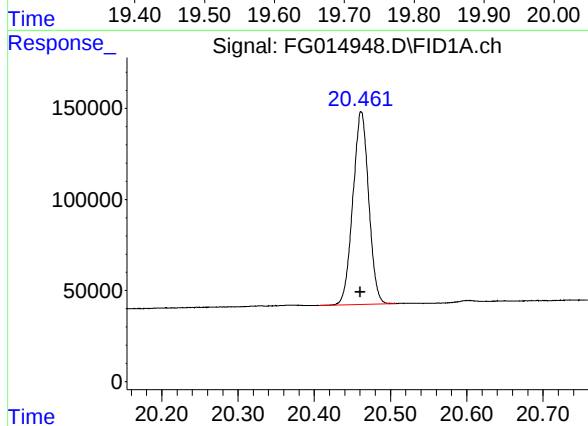
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.001 min
Response: 2051688
Conc: 17.88 ug/ml



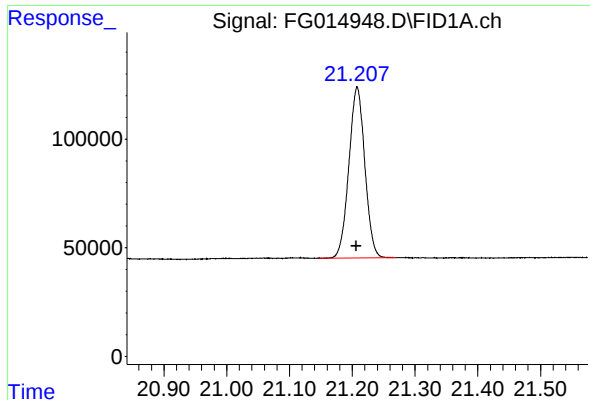
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 1785888
Conc: 17.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.001 min
Response: 1524573
Conc: 17.68 ug/ml



#21 n-Octatriacontane (C38)

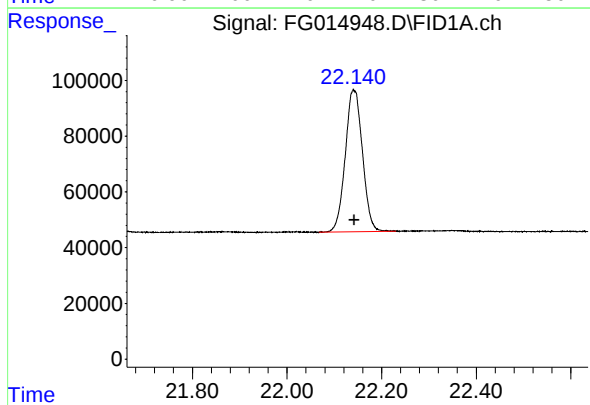
R.T.: 21.208 min
Delta R.T.: 0.001 min
Response: 1388485
Conc: 17.27 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.001 min
Response: 1282056
Conc: 17.04 ug/ml