

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011892.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 13:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 19 13:27:05 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)	10.926	3116883	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	12.365	2370081	19.987 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	2.759	2278824	19.793 ug/ml
2) T n-Decane (C10)	3.771	2346192	19.890 ug/ml
3) T A~Naphthalene (C11.7)	5.339	2607525	19.893 ug/ml
4) T n-Dodecane (C12)	5.765	2380639	19.848 ug/ml
5) T A~2-methylnaphthalene...	6.392	2538344	20.108 ug/ml
6) T n-Tetradecane (C14)	7.560	2408026	19.830 ug/ml
7) T n-Hexadecane (C16)	9.164	2576983	19.848 ug/ml
8) T n-Octadecane (C18)	10.608	2706461	19.883 ug/ml
10) T n-Eicosane (C20)	11.920	2694789	19.968 ug/ml
11) T n-Heneicosane (C21)	12.532	2689574	20.010 ug/ml
13) T n-Docosane (C22)	13.120	2709989	20.055 ug/ml
14) T n-Tetracosane (C24)	14.225	2745054	20.170 ug/ml
15) T n-Hexacosane (C26)	15.248	2699317	20.178 ug/ml
16) T n-Octacosane (C28)	16.201	2637781	20.205 ug/ml
17) T n-Tricontane (C30)	17.090	2667710	20.227 ug/ml
18) T n-Dotriacontane (C32)	17.924	2604233	20.271 ug/ml
19) T n-Tetratriacontane (C34)	18.708	2473832	20.190 ug/ml
20) T n-Hexatriacontane (C36)	19.450	2346907	20.174 ug/ml
21) T n-Octatriacontane (C38)	20.193	2253464	20.057 ug/ml
22) T n-Tetracontane (C40)	21.120	2162736	20.073 ug/ml

(f)=RT Delta > 1/2 Window

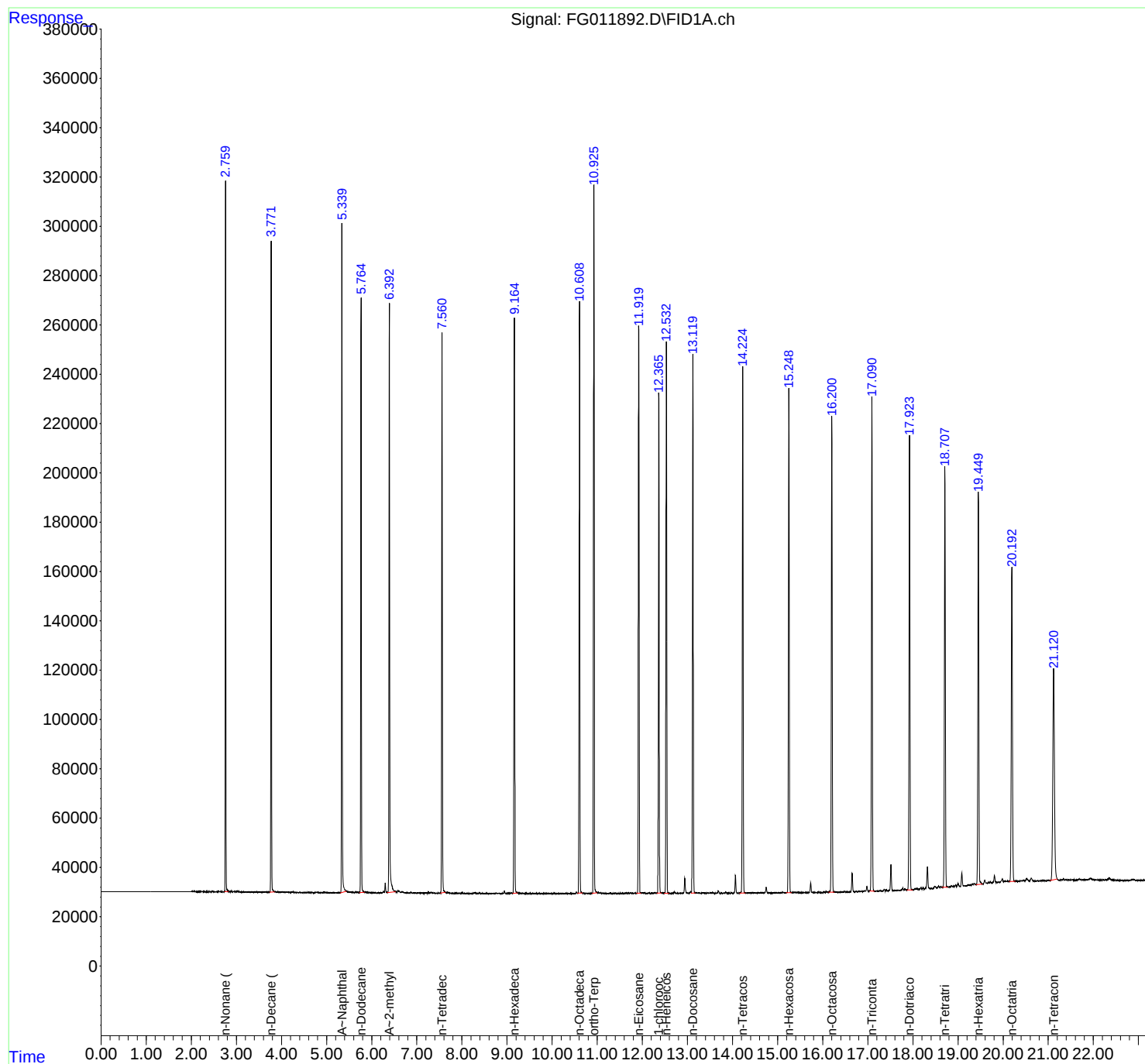
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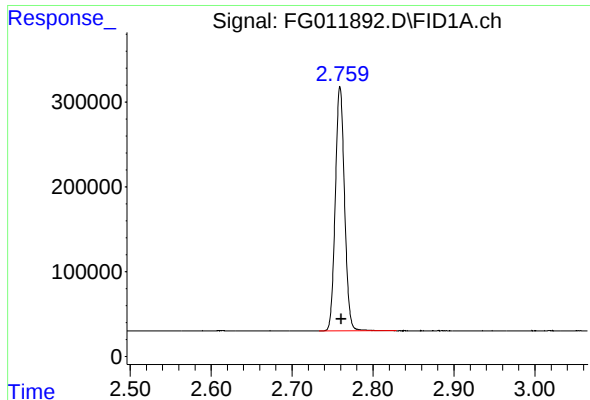
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#1 n-Nonane (C9)

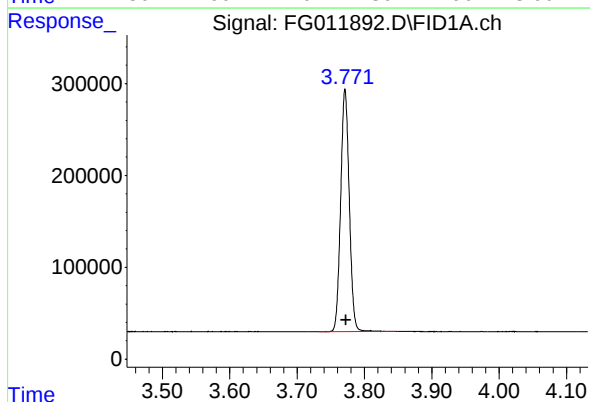
R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 2278824
Conc: 19.79 ug/ml

Instrument :

FID_G

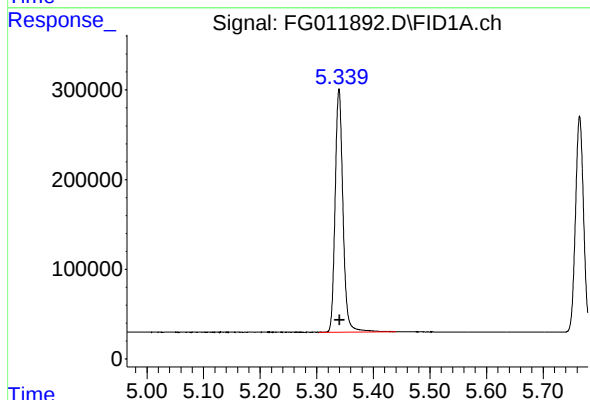
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



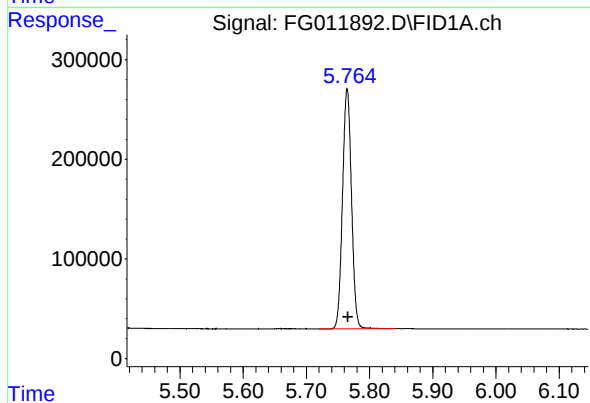
#2 n-Decane (C10)

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 2346192
Conc: 19.89 ug/ml



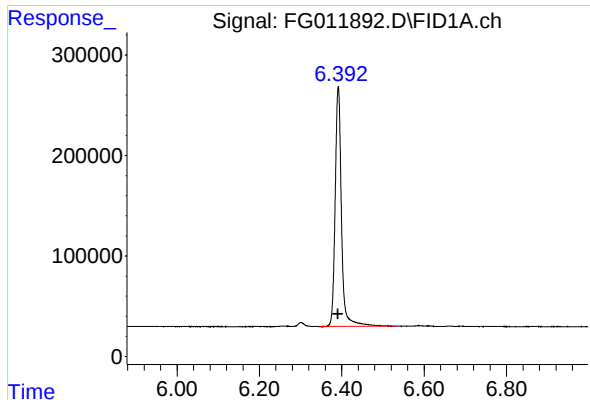
#3 A~Naphthalene (C11.7)

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 2607525
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2380639
Conc: 19.85 ug/ml



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

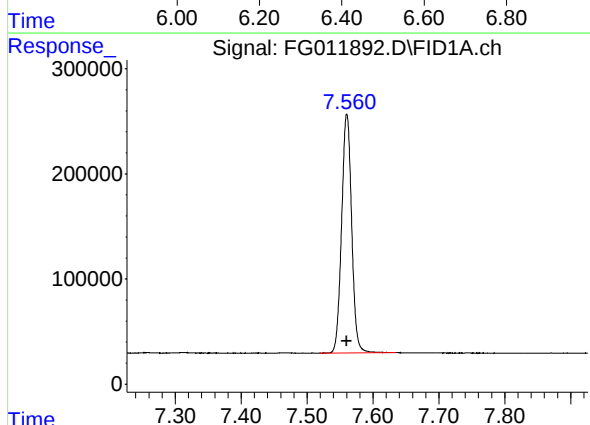
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2538344
Conc: 20.11 ug/ml

Instrument :

FID_G

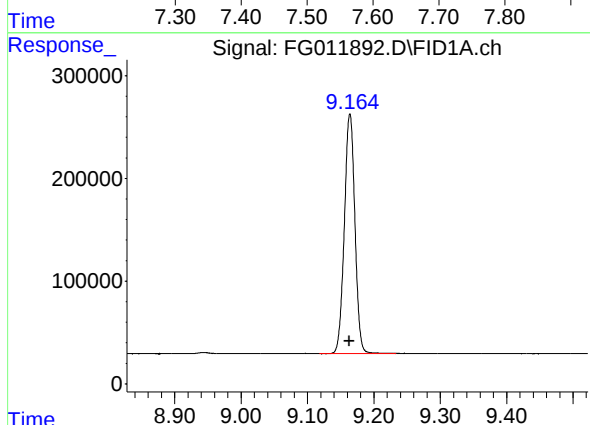
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



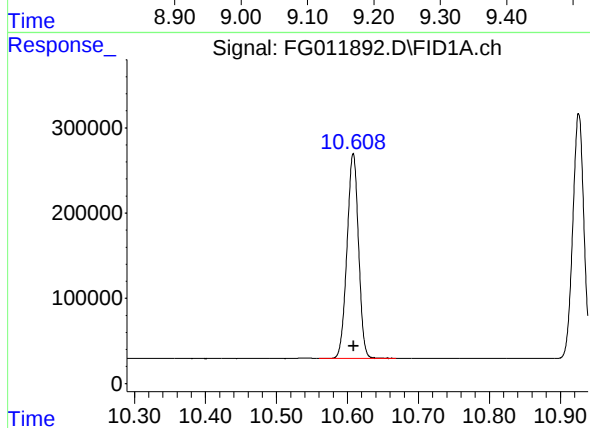
#6 n-Tetradecane (C14)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2408026
Conc: 19.83 ug/ml



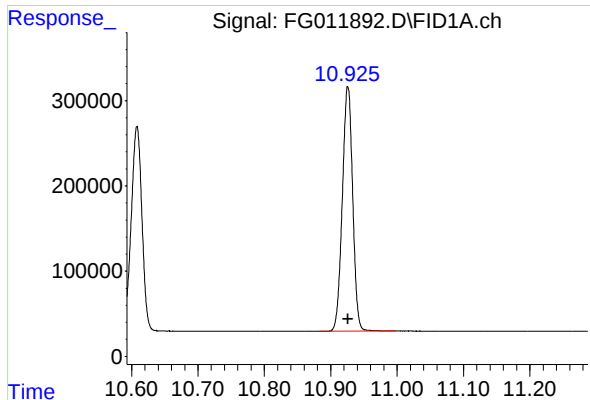
#7 n-Hexadecane (C16)

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 2576983
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.608 min
Delta R.T.: 0.000 min
Response: 2706461
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

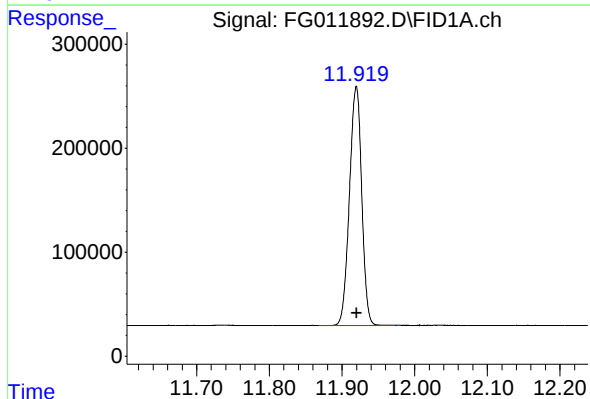
R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 3116883
Conc: 19.91 ug/ml

Instrument :

FID_G

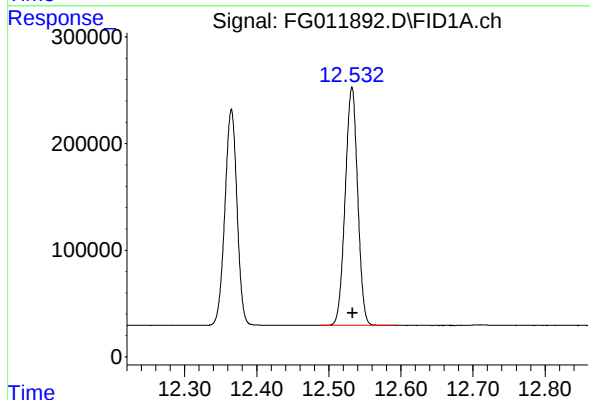
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



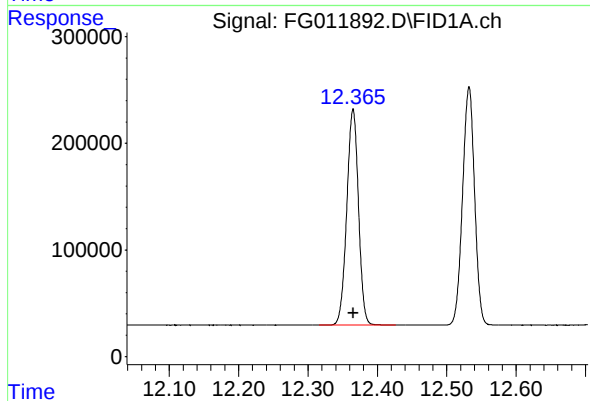
#10 n-Eicosane (C20)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 2694789
Conc: 19.97 ug/ml



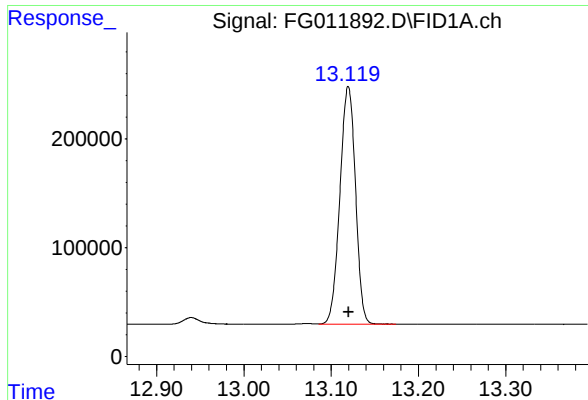
#11 n-Heneicosane (C21)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 2689574
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 2370081
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

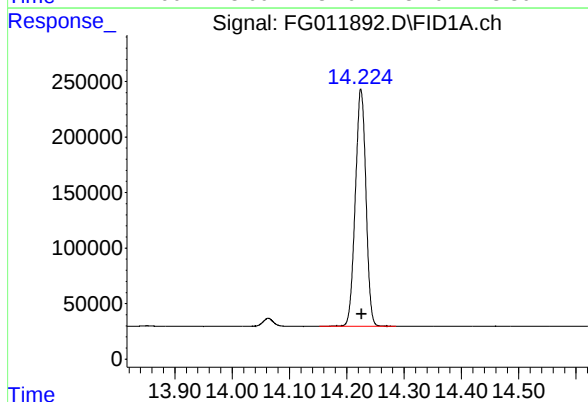
R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 2709989
Conc: 20.05 ug/ml

Instrument :

FID_G

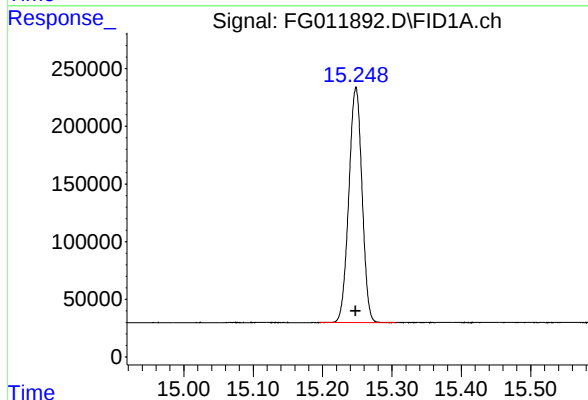
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



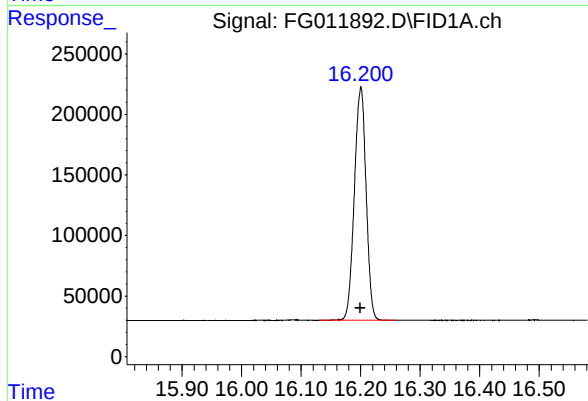
#14 n-Tetracosane (C24)

R.T.: 14.225 min
Delta R.T.: -0.001 min
Response: 2745054
Conc: 20.17 ug/ml



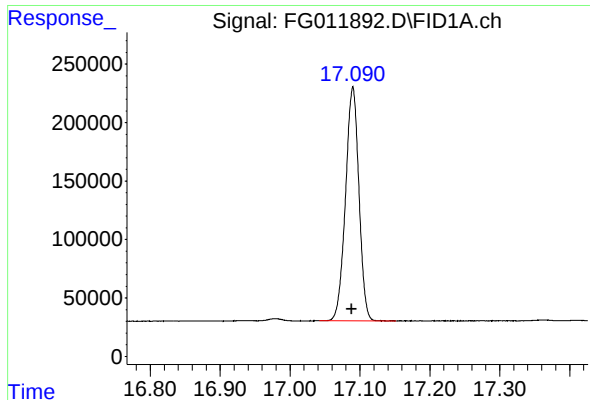
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 2699317
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.201 min
Delta R.T.: 0.000 min
Response: 2637781
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

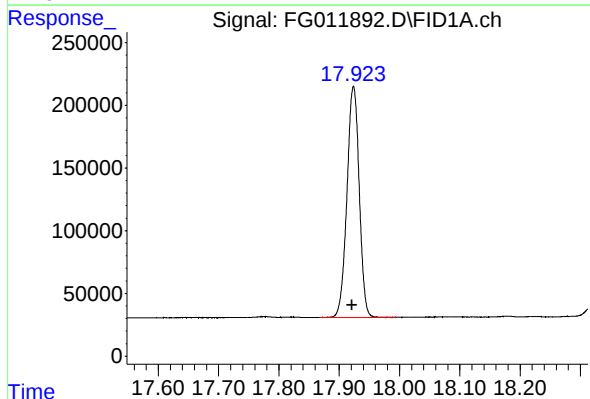
R.T.: 17.090 min
Delta R.T.: 0.001 min
Response: 2667710
Conc: 20.23 ug/ml

Instrument :

FID_G

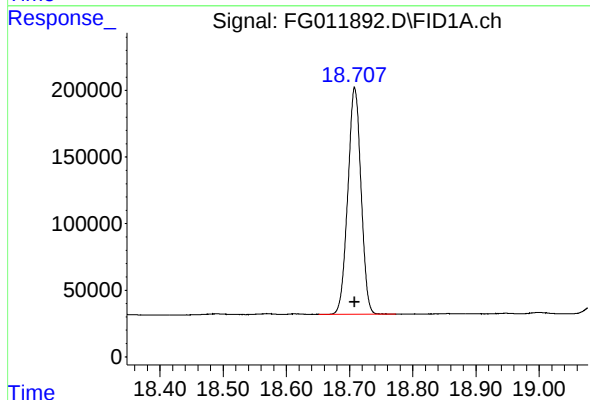
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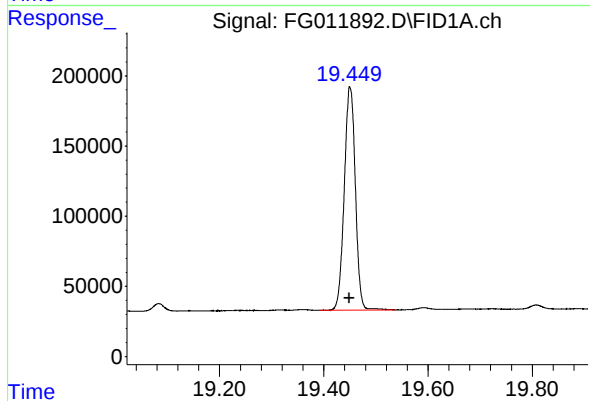
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 2604233
Conc: 20.27 ug/ml



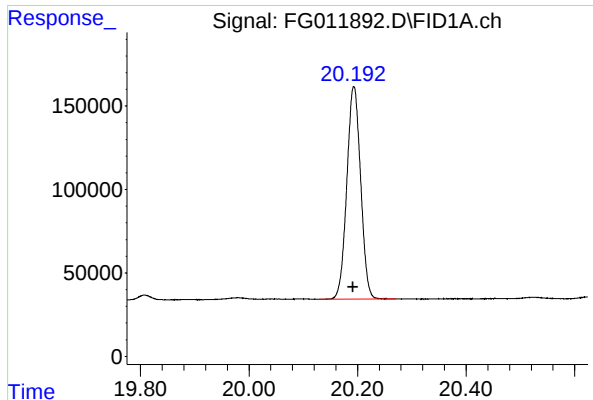
#19 n-Tetatriacontane (C34)

R.T.: 18.708 min
Delta R.T.: 0.000 min
Response: 2473832
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.450 min
Delta R.T.: 0.002 min
Response: 2346907
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

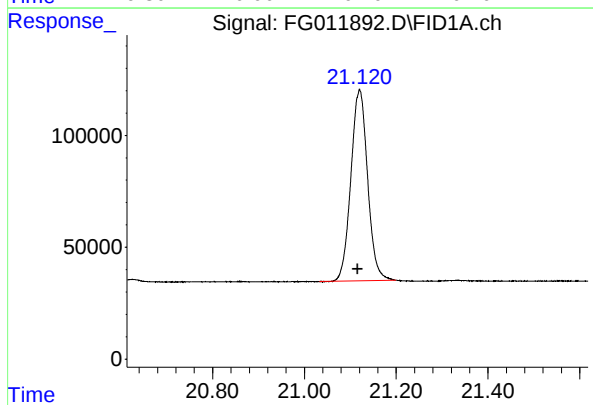
R.T.: 20.193 min
Delta R.T.: 0.002 min
Response: 2253464
Conc: 20.06 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.120 min
Delta R.T.: 0.004 min
Response: 2162736
Conc: 20.07 ug/ml