

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
 Data File : FG014363.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 22:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 01 09:51:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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)	11.807	2588751	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	13.254	1922558	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.189	2326480	18.655 ug/ml
2) T n-Decane (C10)	4.438	2364047	18.653 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2353186	19.072 ug/ml
4) T n-Dodecane (C12)	6.610	2348889	18.780 ug/ml
5) T A~2-methylnaphthalene...	7.237	2040247	18.229 ug/ml
6) T n-Tetradecane (C14)	8.441	2314346	19.439 ug/ml
7) T n-Hexadecane (C16)	10.053	2403353	19.089 ug/ml
8) T n-Octadecane (C18)	11.498	2467129	19.093 ug/ml
10) T n-Eicosane (C20)	12.811	2373143	19.146 ug/ml
11) T n-Heneicosane (C21)	13.424	2316976	19.074 ug/ml
13) T n-Docosane (C22)	14.011	2353690	19.549 ug/ml
14) T n-Tetracosane (C24)	15.117	2427479	20.157 ug/ml
15) T n-Hexacosane (C26)	16.141	2439977	20.697 ug/ml
16) T n-Octacosane (C28)	17.092	2449998	21.069 ug/ml
17) T n-Tricontane (C30)	17.983	2486784	20.815 ug/ml
18) T n-Dotriacontane (C32)	18.817	2385921	20.668 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2008243	20.095 ug/ml
20) T n-Hexatriacontane (C36)	20.344	1642632	18.906 ug/ml
21) T n-Octatriacontane (C38)	21.071	1446842	19.042 ug/ml
22) T n-Tetracontane (C40)	21.961	1272361	19.219 ug/ml

(f)=RT Delta > 1/2 Window

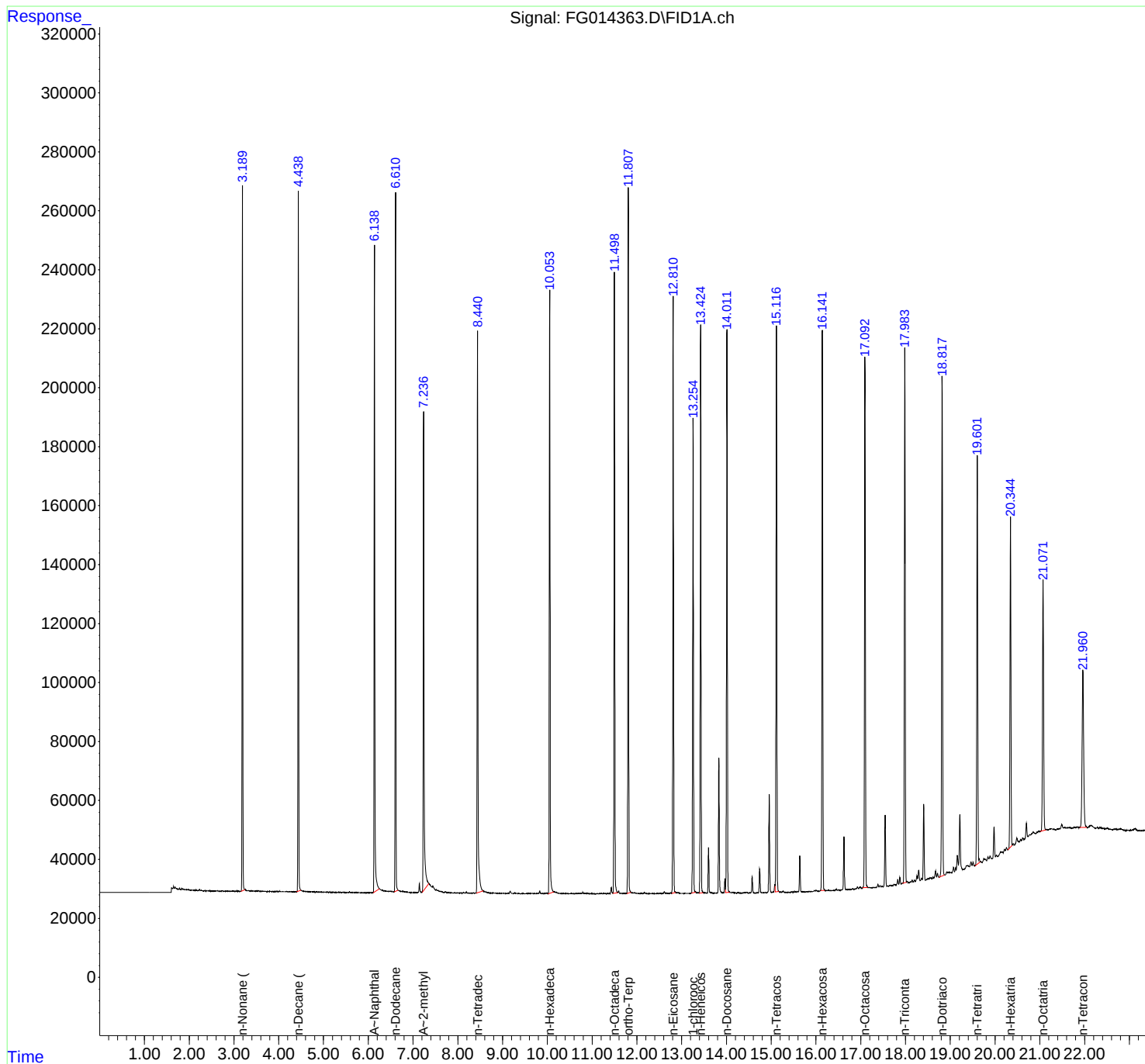
(m)=manual int.

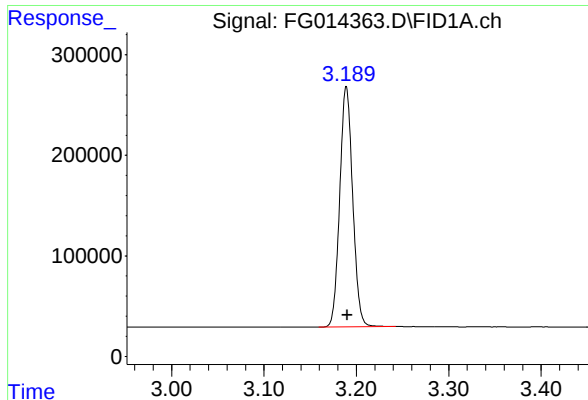
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
Data File : FG014363.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 22:11
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 01 09:51:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:55:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

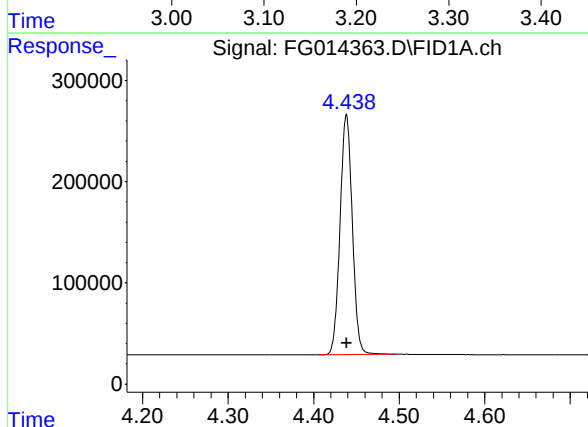




#1 n-Nonane (C9)

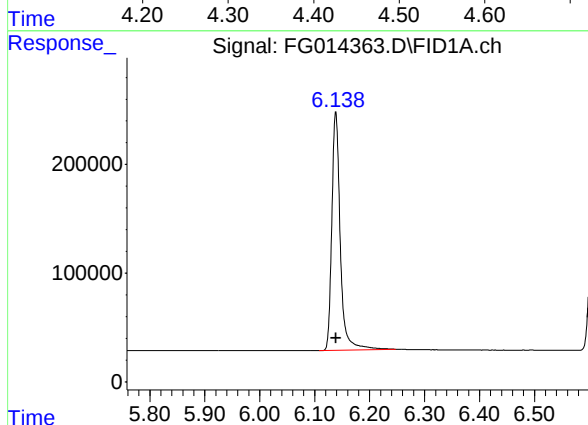
R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 2326480
Conc: 18.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



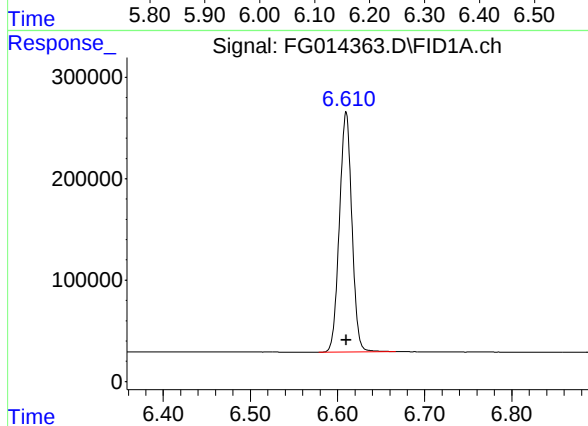
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 2364047
Conc: 18.65 ug/ml



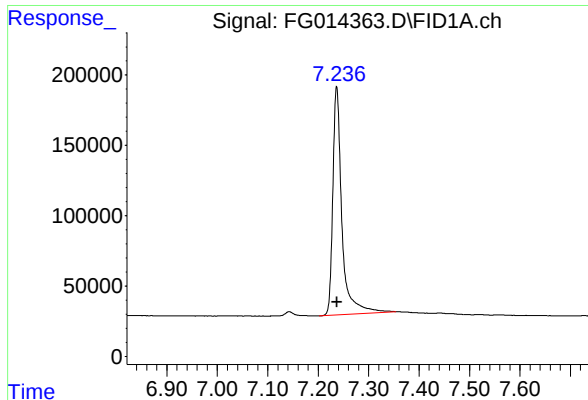
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2353186
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

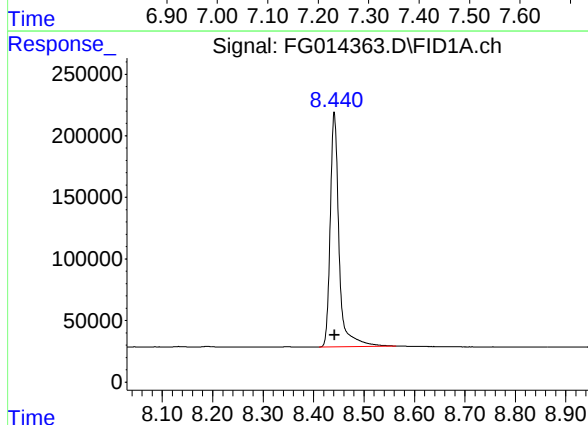
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2348889
Conc: 18.78 ug/ml



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

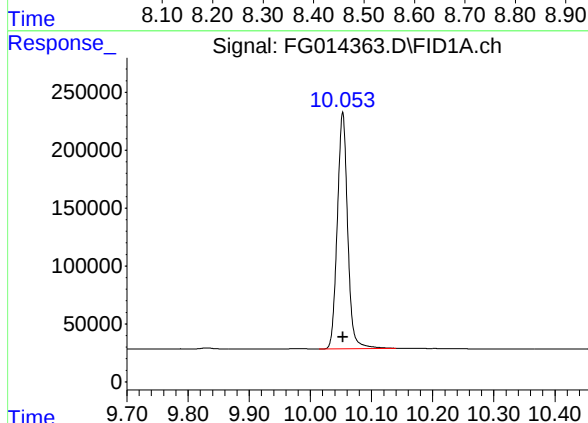
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 2040247
Conc: 18.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



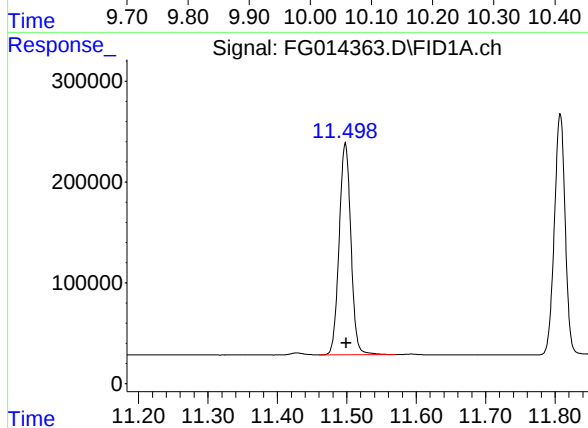
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: -0.001 min
Response: 2314346
Conc: 19.44 ug/ml



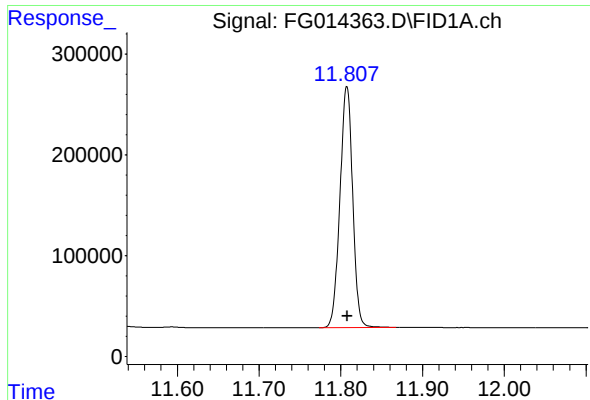
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: 0.000 min
Response: 2403353
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

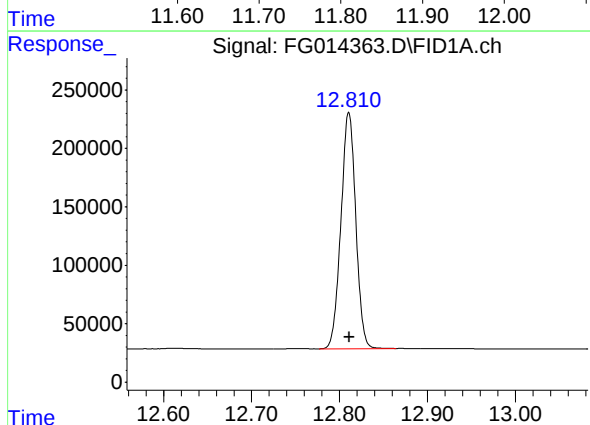
R.T.: 11.498 min
Delta R.T.: -0.001 min
Response: 2467129
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

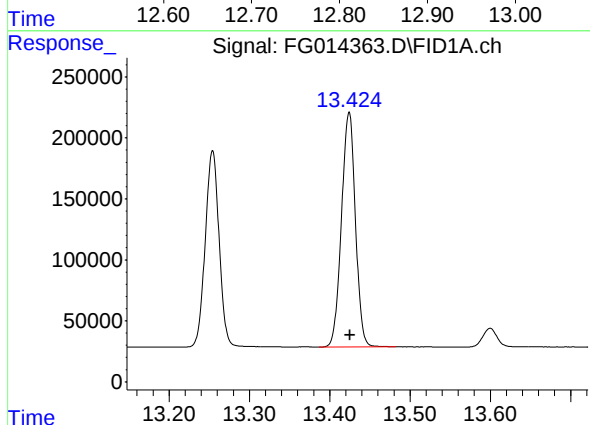
R.T.: 11.807 min
Delta R.T.: 0.000 min
Response: 2588751
Conc: 18.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



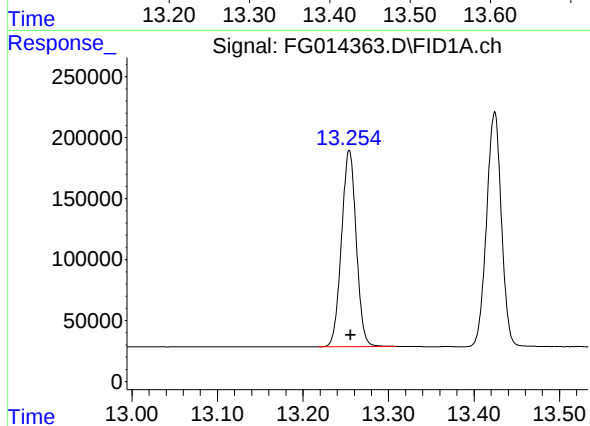
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: 0.000 min
Response: 2373143
Conc: 19.15 ug/ml



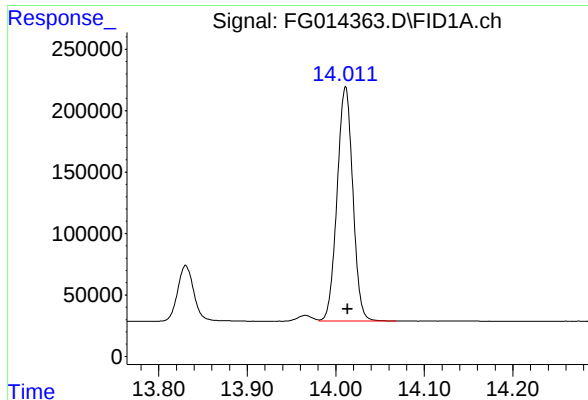
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: 0.000 min
Response: 2316976
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

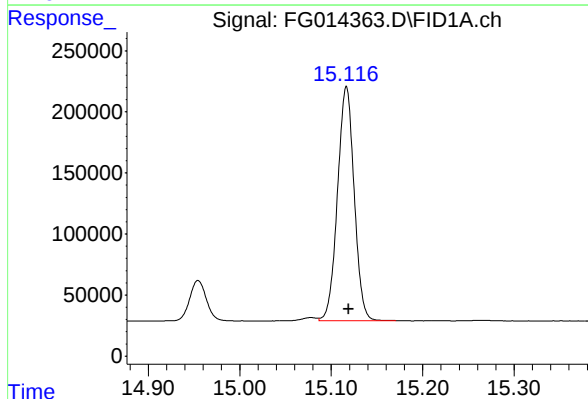
R.T.: 13.254 min
Delta R.T.: -0.001 min
Response: 1922558
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

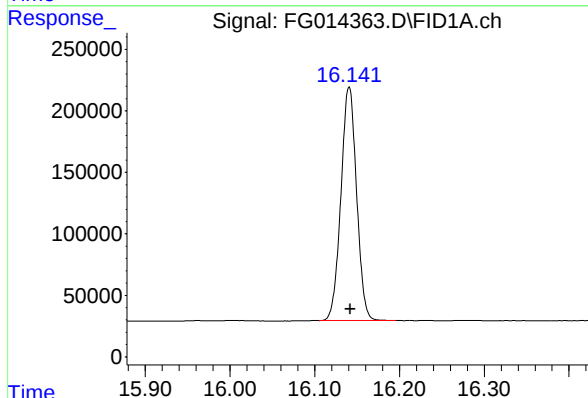
R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 2353690
Conc: 19.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



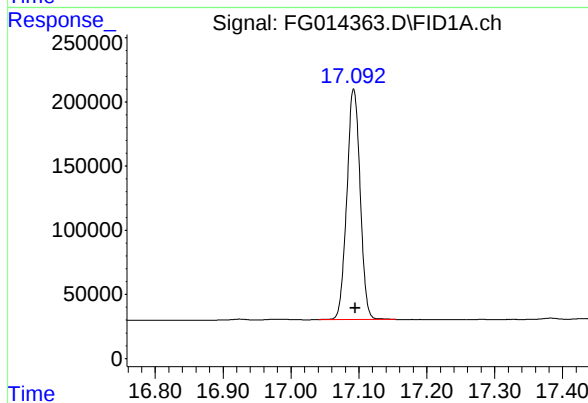
#14 n-Tetracosane (C24)

R.T.: 15.117 min
Delta R.T.: -0.002 min
Response: 2427479
Conc: 20.16 ug/ml



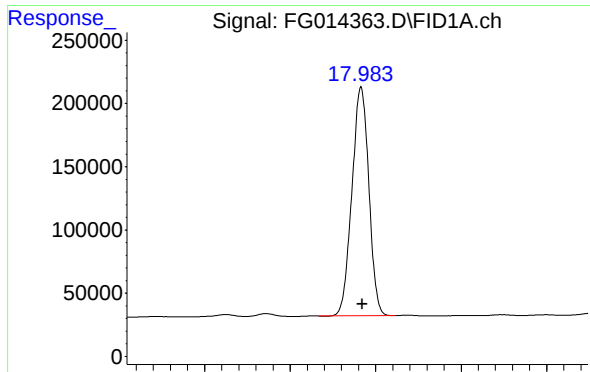
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.002 min
Response: 2439977
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

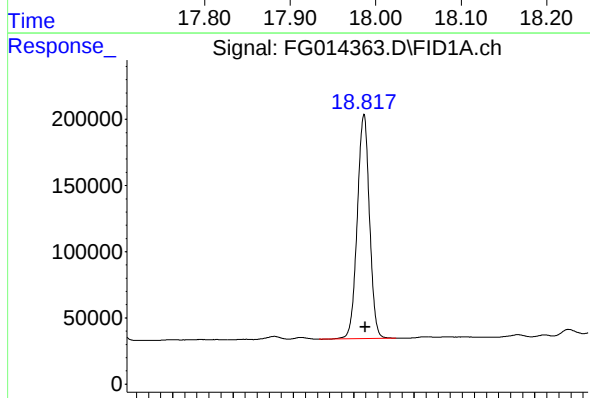
R.T.: 17.092 min
Delta R.T.: -0.002 min
Response: 2449998
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

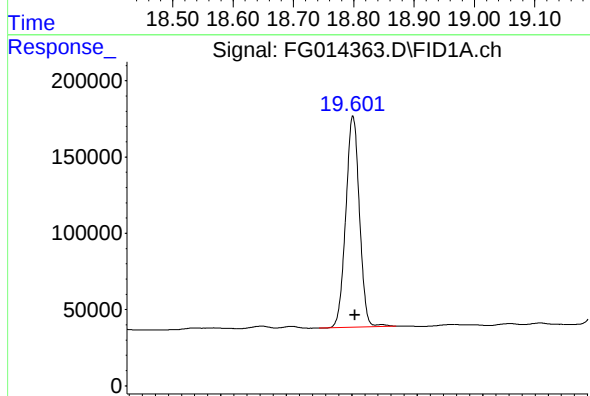
R.T.: 17.983 min
Delta R.T.: -0.002 min
Response: 2486784
Conc: 20.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



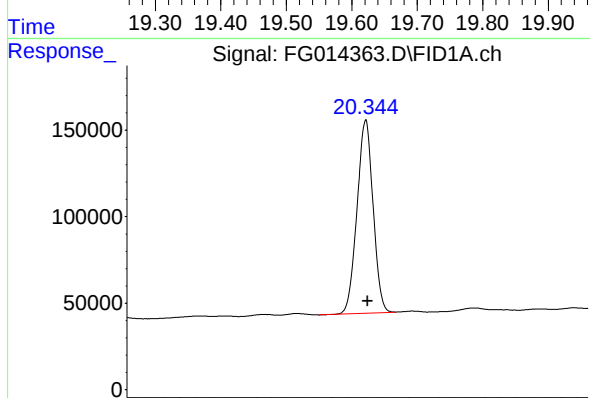
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: -0.002 min
Response: 2385921
Conc: 20.67 ug/ml



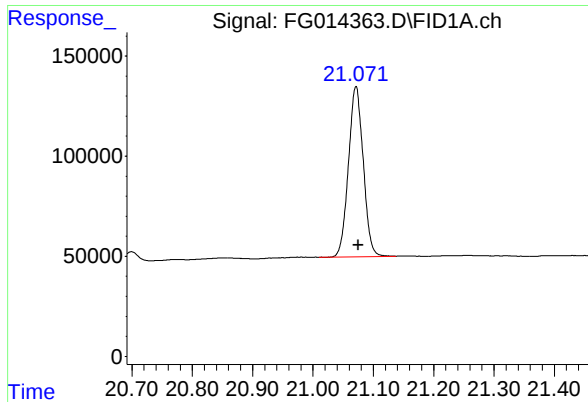
#19 n-Tetatriacontane (C34)

R.T.: 19.602 min
Delta R.T.: -0.003 min
Response: 2008243
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

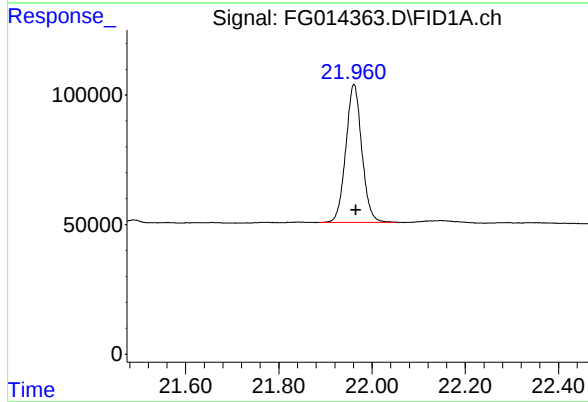
R.T.: 20.344 min
Delta R.T.: -0.002 min
Response: 1642632
Conc: 18.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.004 min
Response: 1446842
Conc: 19.04 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.004 min
Response: 1272361
Conc: 19.22 ug/ml