

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AL\
 Data File : FG016523.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 15:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 04 02:14:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 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)	12.069	2634565	19.900 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	13.513	2011492	19.983 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	3.387	2177906	19.251 ug/ml
2) T n-Decane (C10)	4.649	2252196	19.566 ug/ml
3) T A~Naphthalene (C11.7)	6.369	2428718	19.559 ug/ml
4) T n-Dodecane (C12)	6.831	2276599	19.624 ug/ml
5) T A~2-methylnaphthalene...	7.472	2328841	19.524 ug/ml
6) T n-Tetradecane (C14)	8.672	2271878	19.690 ug/ml
7) T n-Hexadecane (C16)	10.291	2353270	19.715 ug/ml
8) T n-Octadecane (C18)	11.745	2399170	19.856 ug/ml
10) T n-Eicosane (C20)	13.064	2334042	20.008 ug/ml
11) T n-Heneicosane (C21)	13.681	2299430	20.005 ug/ml
13) T n-Docosane (C22)	14.272	2305800	20.181 ug/ml
14) T n-Tetracosane (C24)	15.382	2336661	20.542 ug/ml
15) T n-Hexacosane (C26)	16.412	2295394	20.672 ug/ml
16) T n-Octacosane (C28)	17.367	2246833	20.783 ug/ml
17) T n-Tricontane (C30)	18.260	2265505	20.742 ug/ml
18) T n-Dotriacontane (C32)	19.100	2176361	20.700 ug/ml
19) T n-Tetratriacontane (C34)	19.888	1965064	20.463 ug/ml
20) T n-Hexatriacontane (C36)	20.632	1687845	20.183 ug/ml
21) T n-Octatriacontane (C38)	21.416	1507939	19.584 ug/ml
22) T n-Tetracontane (C40)	22.413	1438051	19.356 ug/ml

(f)=RT Delta > 1/2 Window

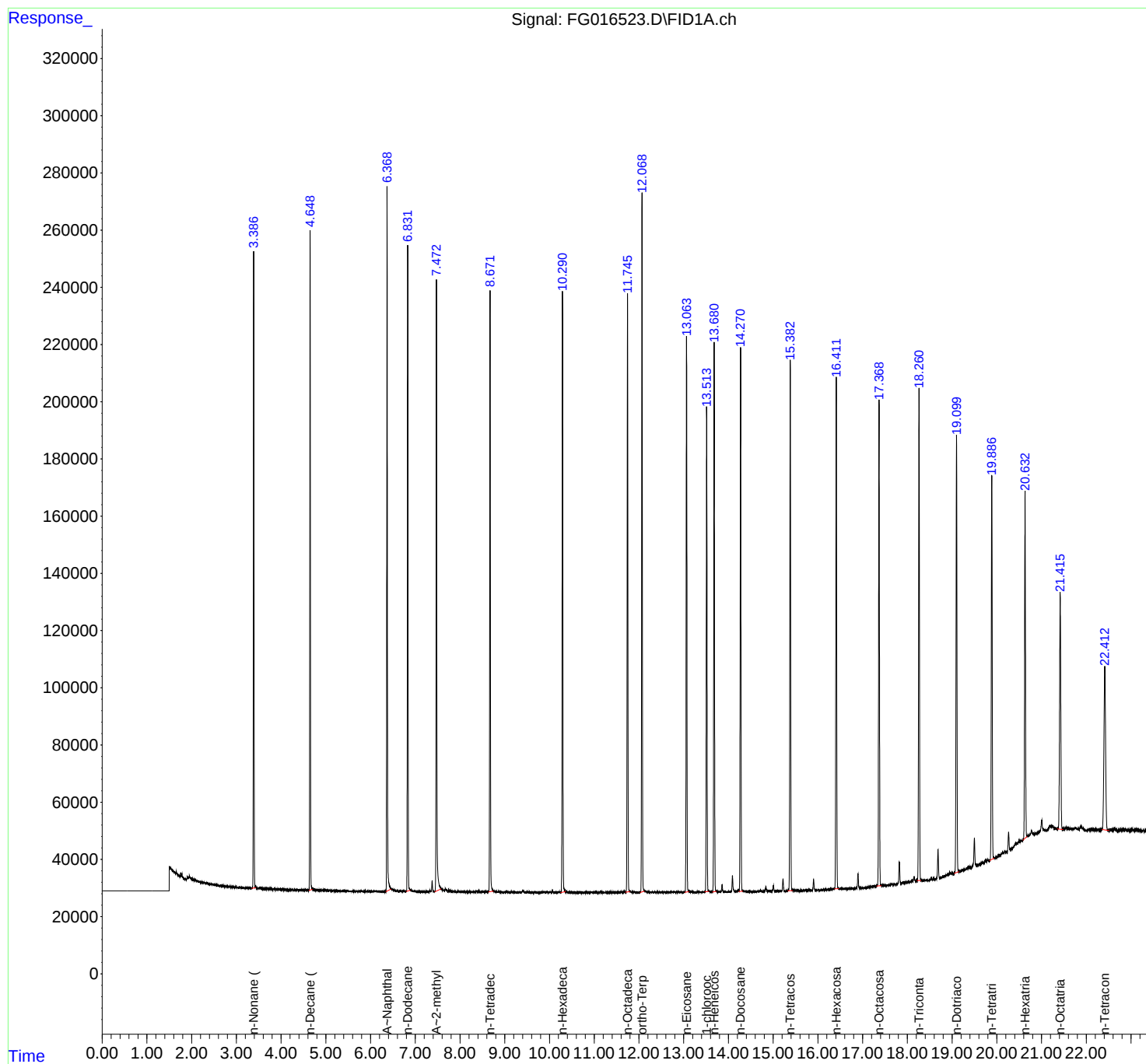
(m)=manual int.

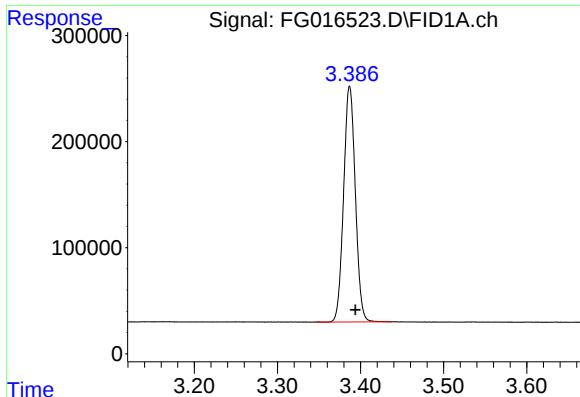
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AL\
Data File : FG016523.D
Signal(s) : FID1A.ch
Acq On : 03 Sep 2025 15:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Sep 04 02:14:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

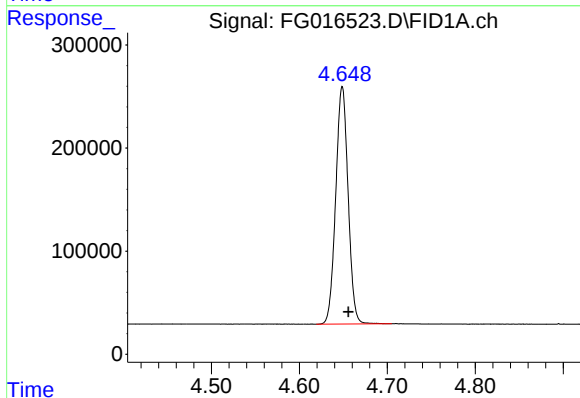




#1 n-Nonane (C9)

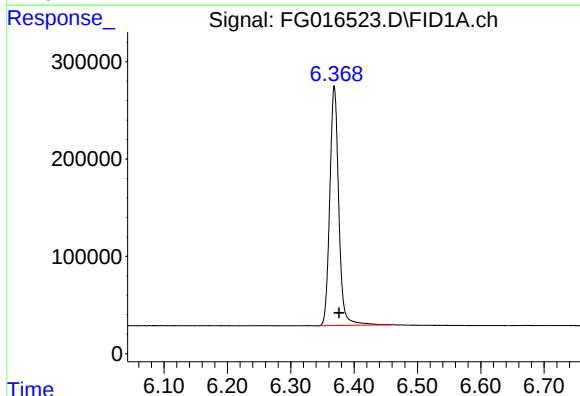
R.T.: 3.387 min
Delta R.T.: -0.007 min
Response: 2177906
Conc: 19.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



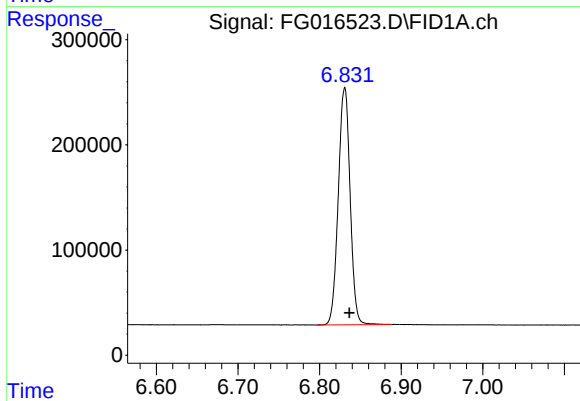
#2 n-Decane (C10)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 2252196
Conc: 19.57 ug/ml



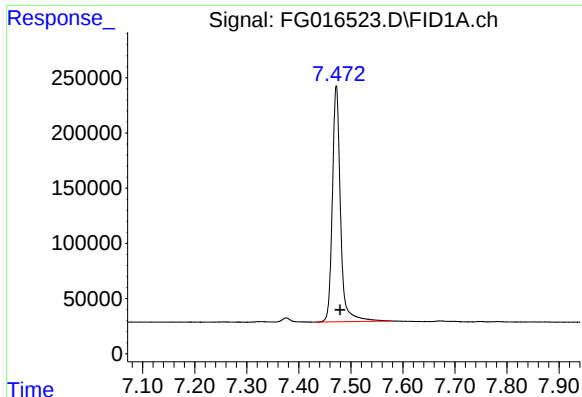
#3 A~Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: -0.008 min
Response: 2428718
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

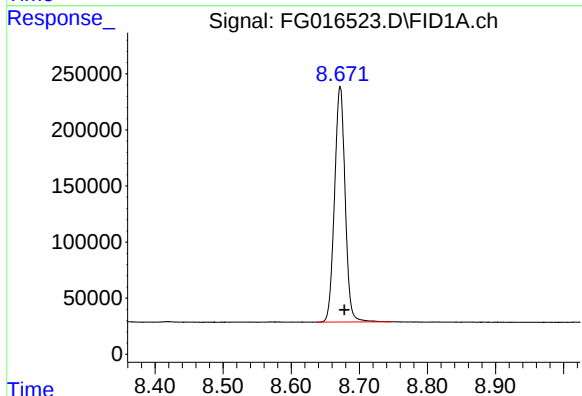
R.T.: 6.831 min
Delta R.T.: -0.006 min
Response: 2276599
Conc: 19.62 ug/ml



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

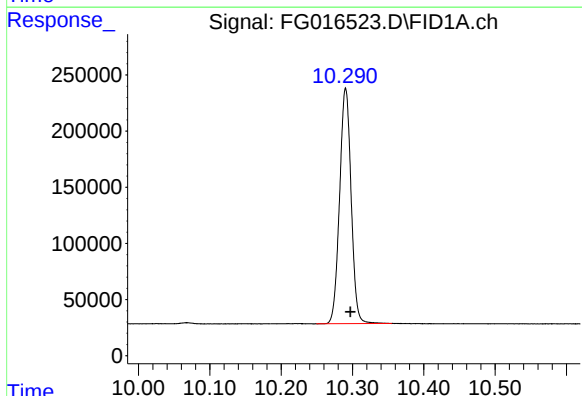
R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 2328841
Conc: 19.52 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



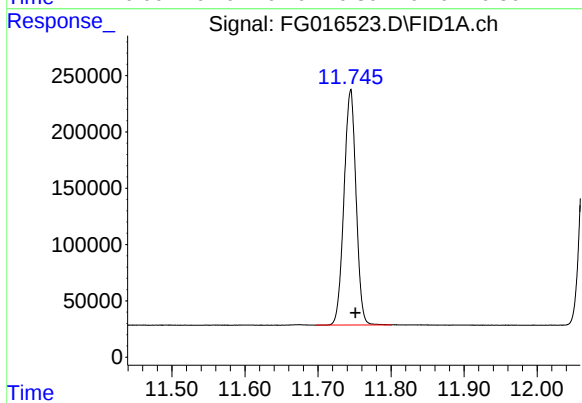
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 2271878
Conc: 19.69 ug/ml



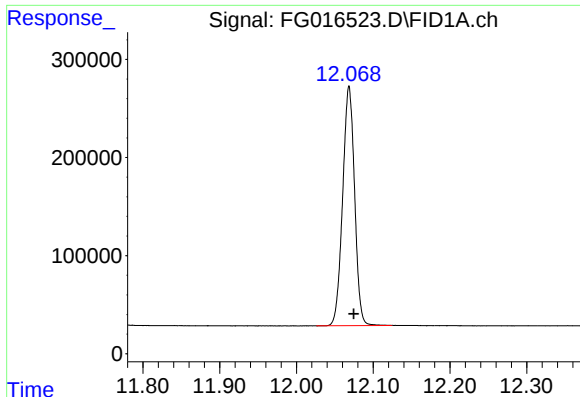
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.007 min
Response: 2353270
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

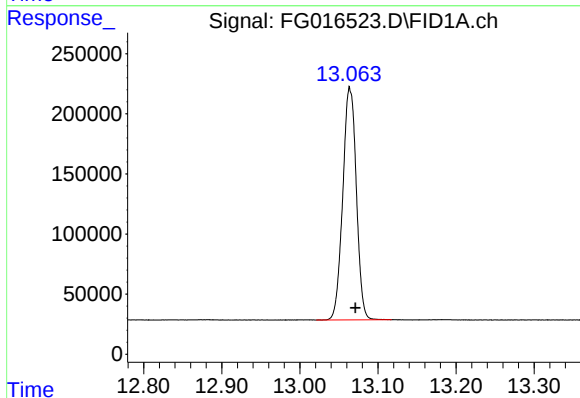
R.T.: 11.745 min
Delta R.T.: -0.007 min
Response: 2399170
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

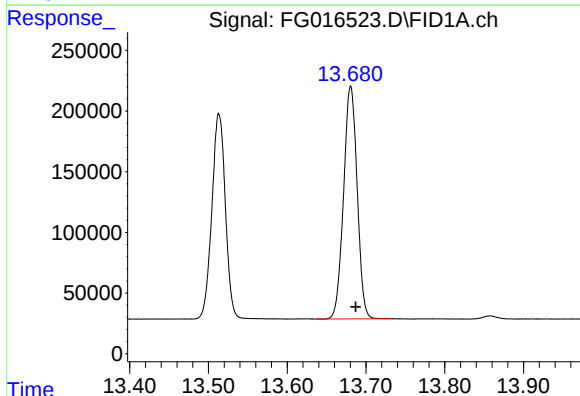
R.T.: 12.069 min
Delta R.T.: -0.006 min
Response: 2634565
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



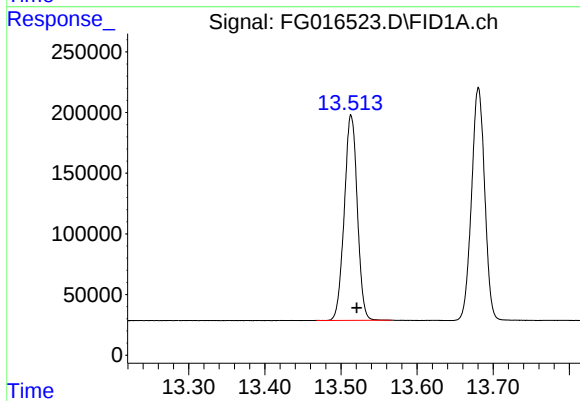
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: -0.007 min
Response: 2334042
Conc: 20.01 ug/ml



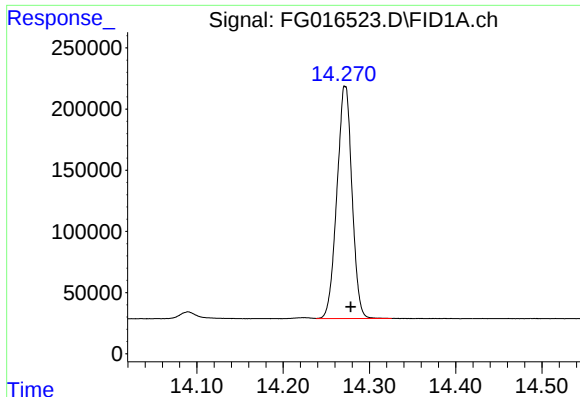
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 2299430
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

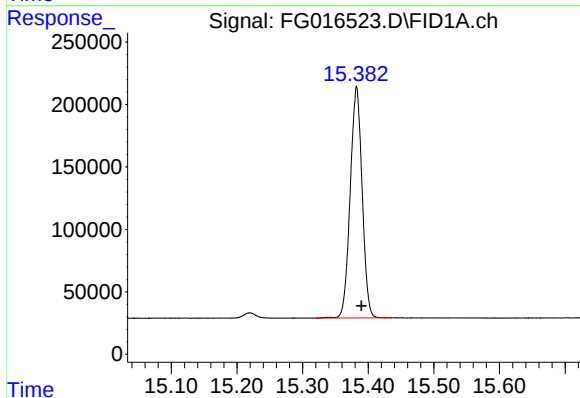
R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 2011492
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

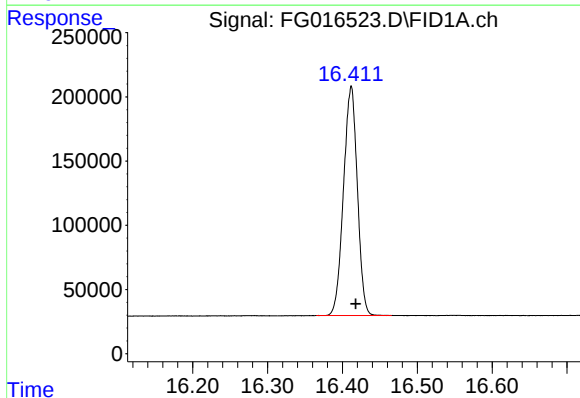
R.T.: 14.272 min
Delta R.T.: -0.007 min
Response: 2305800
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



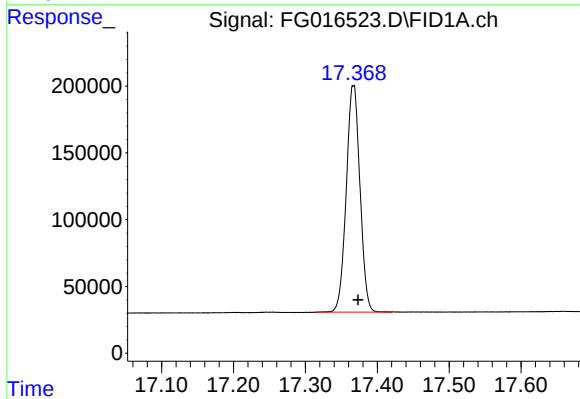
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: -0.008 min
Response: 2336661
Conc: 20.54 ug/ml



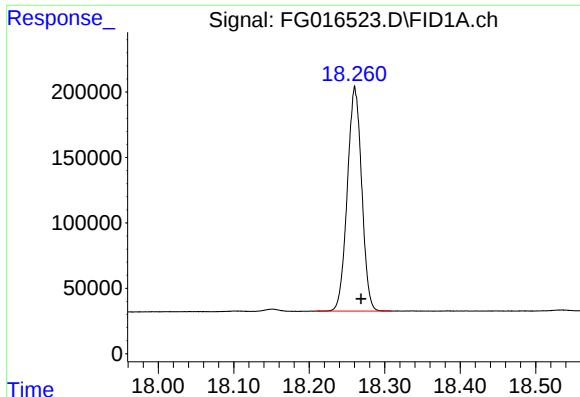
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: -0.006 min
Response: 2295394
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

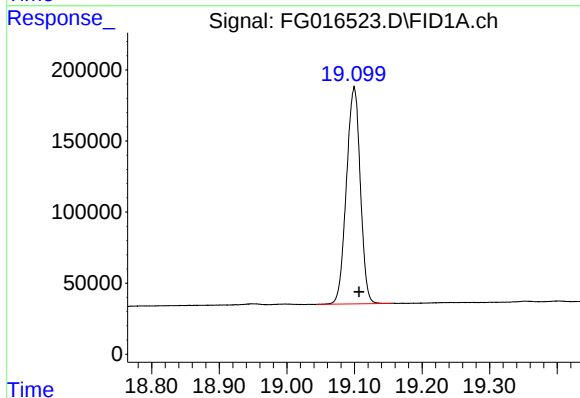
R.T.: 17.367 min
Delta R.T.: -0.007 min
Response: 2246833
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

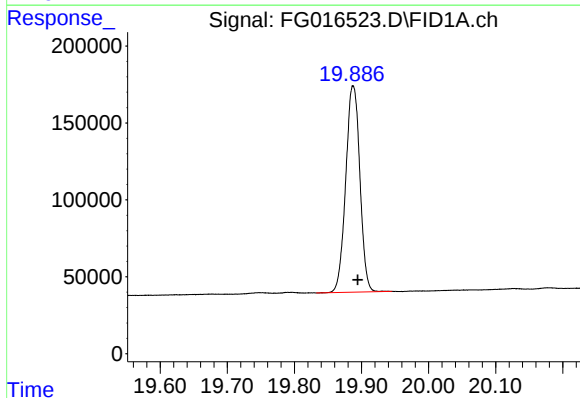
R.T.: 18.260 min
Delta R.T.: -0.008 min
Response: 2265505
Conc: 20.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



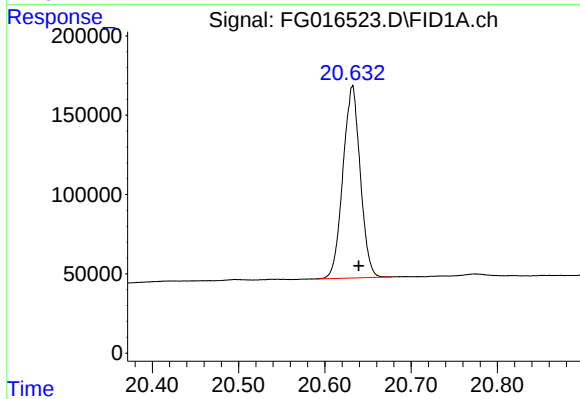
#18 n-Dotriacontane (C32)

R.T.: 19.100 min
Delta R.T.: -0.007 min
Response: 2176361
Conc: 20.70 ug/ml



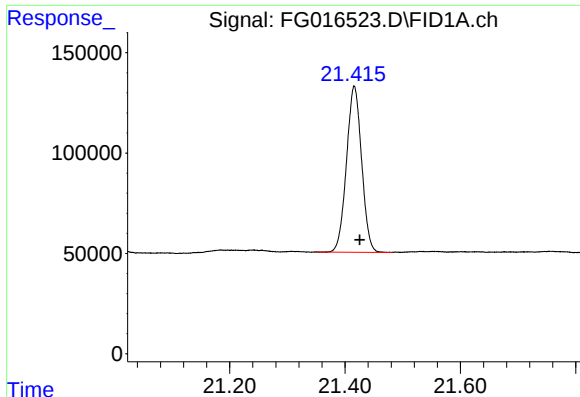
#19 n-Tetratriacontane (C34)

R.T.: 19.888 min
Delta R.T.: -0.007 min
Response: 1965064
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

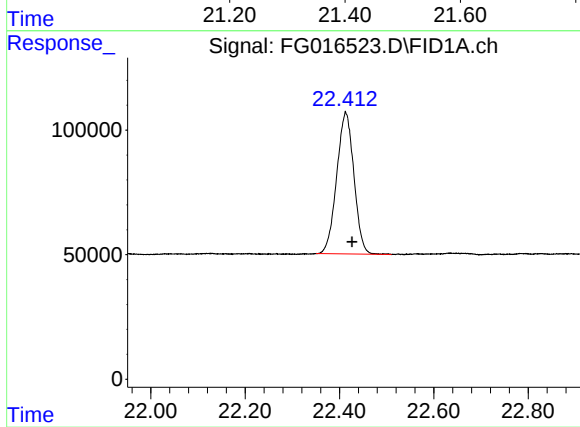
R.T.: 20.632 min
Delta R.T.: -0.007 min
Response: 1687845
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.416 min
Delta R.T.: -0.010 min
Response: 1507939
Conc: 19.58 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.413 min
Delta R.T.: -0.013 min
Response: 1438051
Conc: 19.36 ug/ml