

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012243.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 13:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 20 14:35:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:47:29 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)	10.901	802822	5.389 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
12) S 1-chlorooctadecane (S...	12.340	592347	5.328 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
Target Compounds			
1) T n-Nonane (C9)	2.745	623807	5.339 ug/ml
2) T n-Decane (C10)	3.755	640209	5.327 ug/ml
3) T A~Naphthalene (C11.7)	5.324	703254	5.165 ug/ml
4) T n-Dodecane (C12)	5.745	656787	5.324 ug/ml
5) T A~2-methylnaphthalene...	6.373	652402	4.988 ug/ml
6) T n-Tetradecane (C14)	7.538	644688	5.184 ug/ml
7) T n-Hexadecane (C16)	9.142	676990	5.170 ug/ml
8) T n-Octadecane (C18)	10.584	712028	5.297 ug/ml
10) T n-Eicosane (C20)	11.894	695494	5.369 ug/ml
11) T n-Heneicosane (C21)	12.507	678844	5.372 ug/ml
13) T n-Docosane (C22)	13.094	667239	5.325 ug/ml
14) T n-Tetracosane (C24)	14.198	753383	5.854 ug/ml
15) T n-Hexacosane (C26)	15.220	638391	5.261 ug/ml
16) T n-Octacosane (C28)	16.172	633208	5.297 ug/ml
17) T n-Tricontane (C30)	17.061	664189	5.430 ug/ml
18) T n-Dotriacontane (C32)	17.894	680779	5.632 ug/mlm
19) T n-Tetratriacontane (C34)	18.679	651875	5.576 ug/mlm
20) T n-Hexatriacontane (C36)	19.418	616609	5.446 ug/ml
21) T n-Octatriacontane (C38)	20.157	618388	5.524 ug/ml
22) T n-Tetracontane (C40)	21.071	606363	5.455 ug/ml

(f)=RT Delta > 1/2 Window

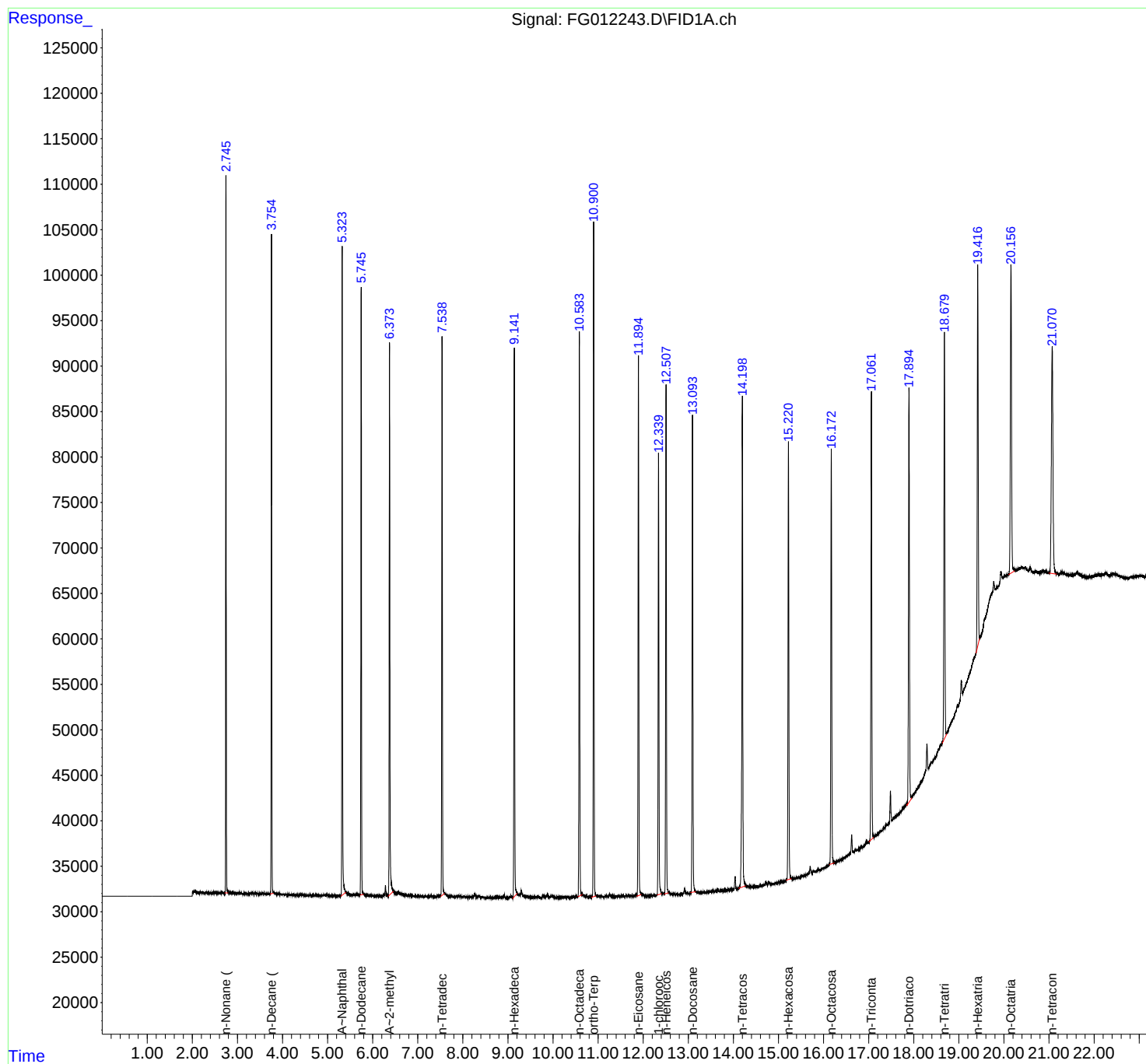
(m)=manual int.

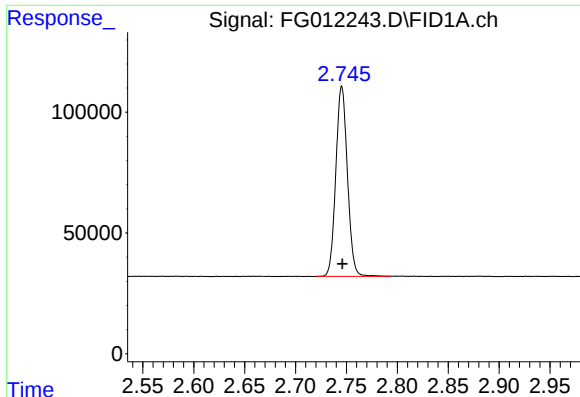
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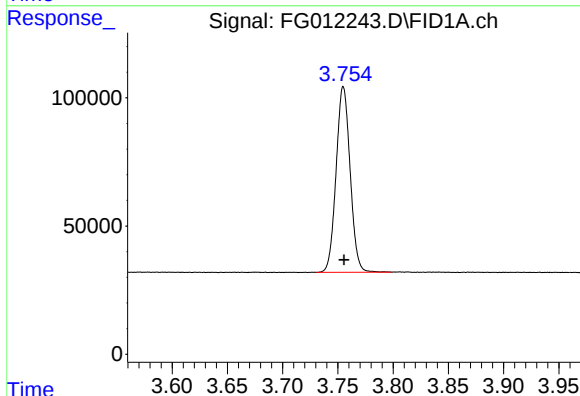




#1 n-Nonane (C9)

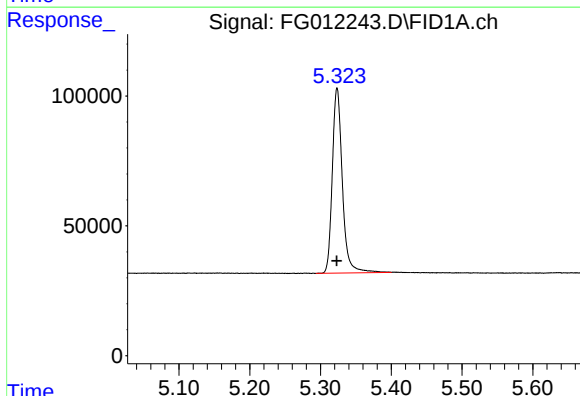
R.T.: 2.745 min
Delta R.T.: 0.000 min
Response: 623807
Conc: 5.34 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



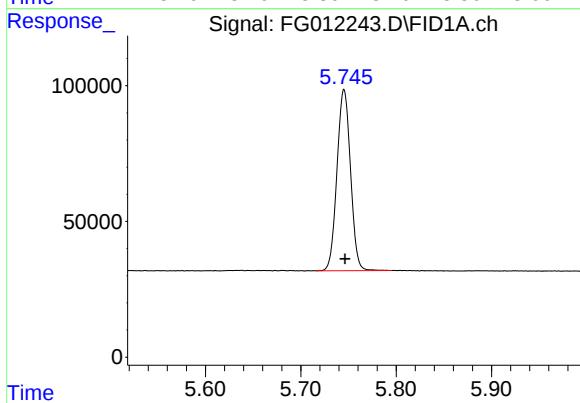
#2 n-Decane (C10)

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 640209
Conc: 5.33 ug/ml



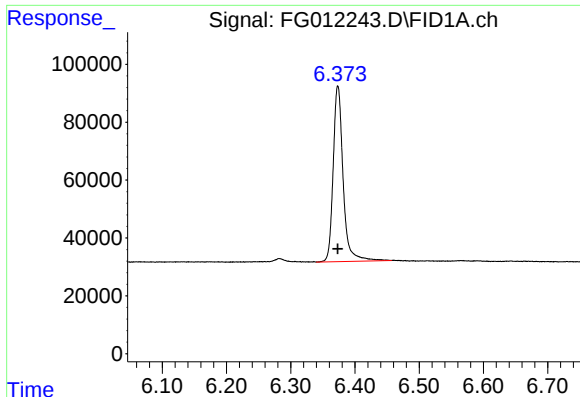
#3 A~Naphthalene (C11.7)

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 703254
Conc: 5.17 ug/ml



#4 n-Dodecane (C12)

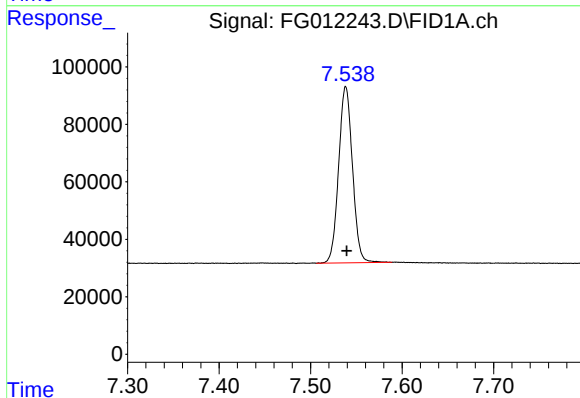
R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 656787
Conc: 5.32 ug/ml



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

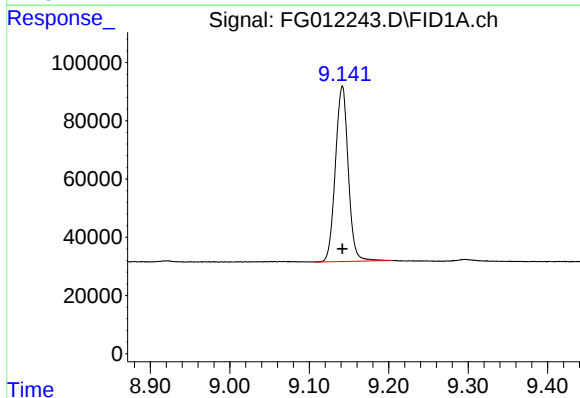
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 652402
Conc: 4.99 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



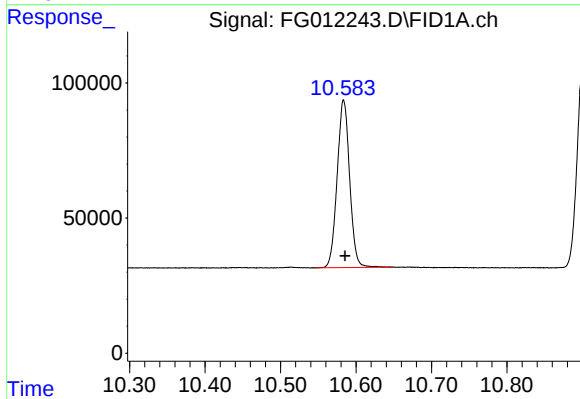
#6 n-Tetradecane (C14)

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 644688
Conc: 5.18 ug/ml



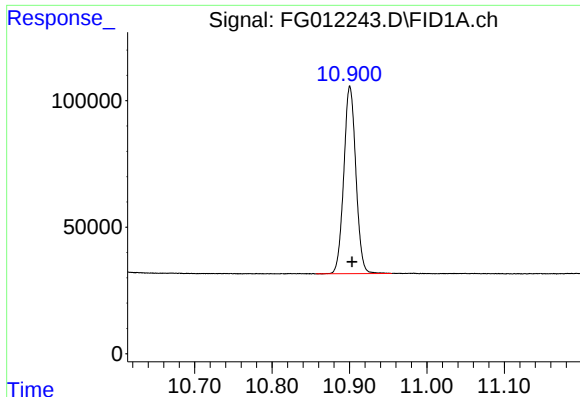
#7 n-Hexadecane (C16)

R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 676990
Conc: 5.17 ug/ml



#8 n-Octadecane (C18)

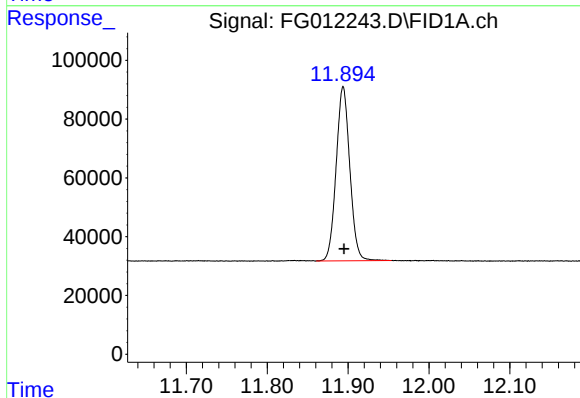
R.T.: 10.584 min
Delta R.T.: -0.002 min
Response: 712028
Conc: 5.30 ug/ml



#9 ortho-Terphenyl (SURR)

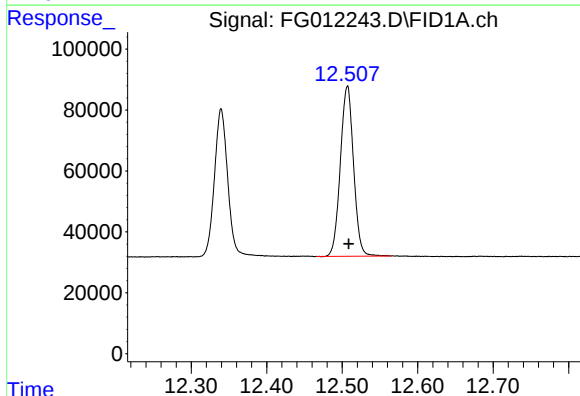
R.T.: 10.901 min
Delta R.T.: -0.003 min
Response: 802822
Conc: 5.39 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



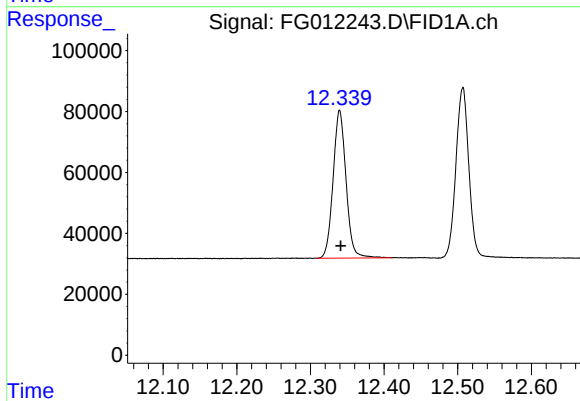
#10 n-Eicosane (C20)

R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 695494
Conc: 5.37 ug/ml



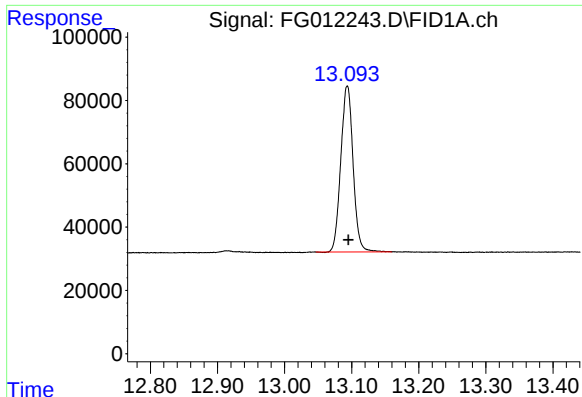
#11 n-Heneicosane (C21)

R.T.: 12.507 min
Delta R.T.: -0.002 min
Response: 678844
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

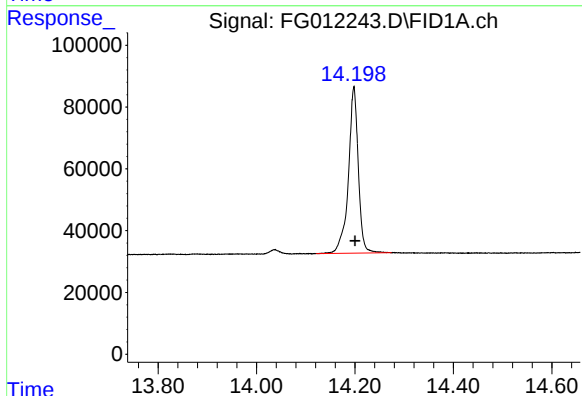
R.T.: 12.340 min
Delta R.T.: -0.001 min
Response: 592347
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

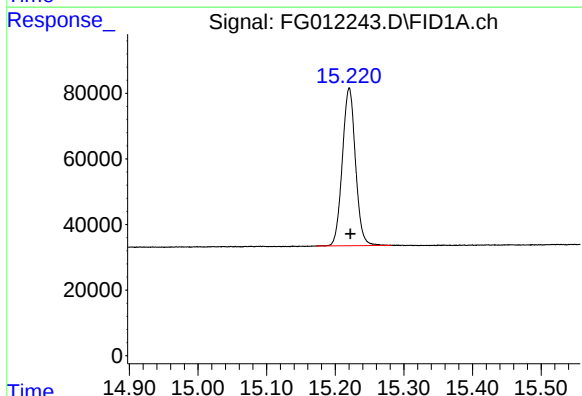
R.T.: 13.094 min
Delta R.T.: -0.002 min
Response: 667239
Conc: 5.32 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



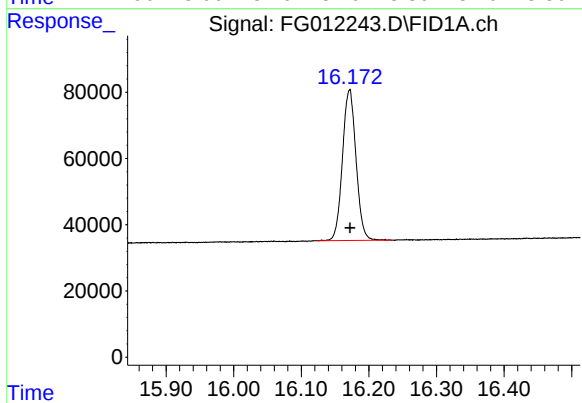
#14 n-Tetracosane (C24)

R.T.: 14.198 min
Delta R.T.: -0.002 min
Response: 753383
Conc: 5.85 ug/ml



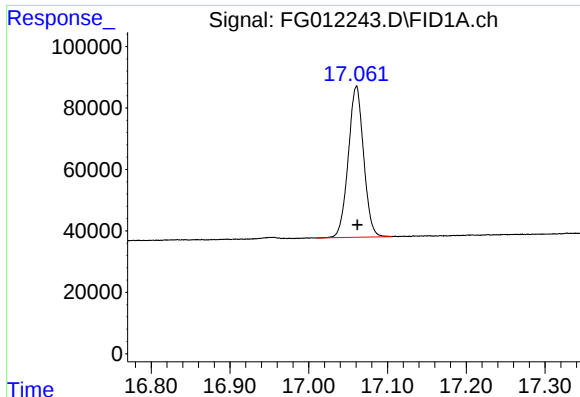
#15 n-Hexacosane (C26)

R.T.: 15.220 min
Delta R.T.: -0.002 min
Response: 638391
Conc: 5.26 ug/ml



#16 n-Octacosane (C28)

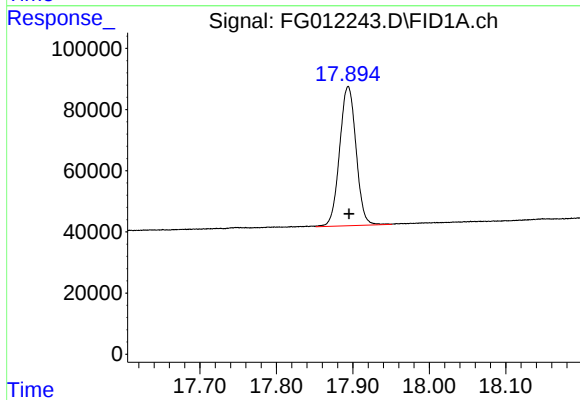
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 633208
Conc: 5.30 ug/ml



#17 n-Tricontane (C30)

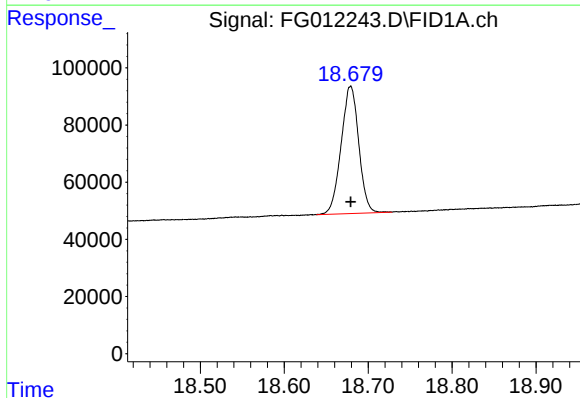
R.T.: 17.061 min
Delta R.T.: -0.001 min
Response: 664189
Conc: 5.43 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



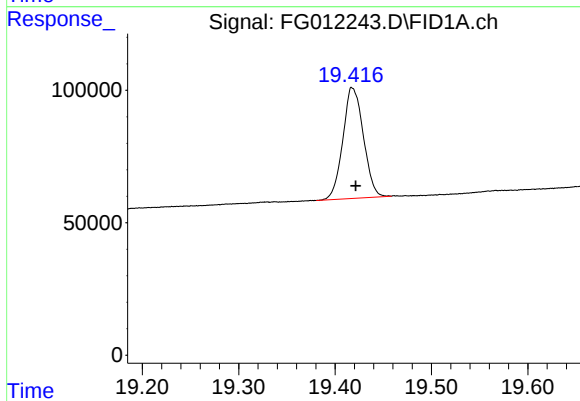
#18 n-Dotriacontane (C32)

R.T.: 17.894 min
Delta R.T.: -0.002 min
Response: 680779
Conc: 5.63 ug/ml m



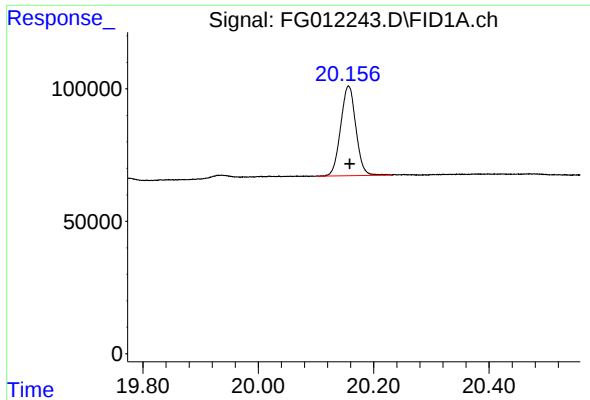
#19 n-Tetratriacontane (C34)

R.T.: 18.679 min
Delta R.T.: 0.000 min
Response: 651875
Conc: 5.58 ug/ml m



#20 n-Hexatriacontane (C36)

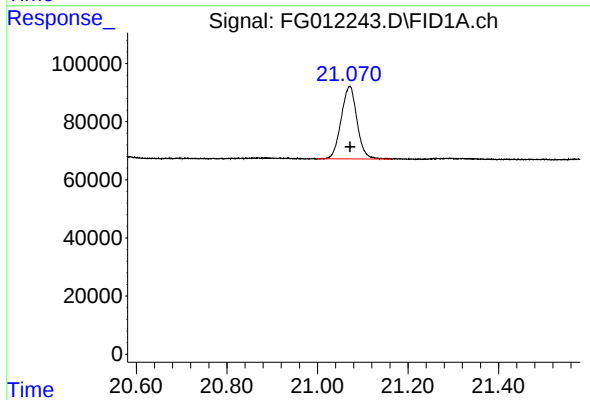
R.T.: 19.418 min
Delta R.T.: -0.004 min
Response: 616609
Conc: 5.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.157 min
Delta R.T.: -0.002 min
Response: 618388
Conc: 5.52 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.071 min
Delta R.T.: 0.000 min
Response: 606363
Conc: 5.46 ug/ml