

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012439.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 22:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 19 03:25:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.883	3073869	19.672 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
12) S 1-chlorooctadecane (S...	12.321	2278460	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	2.734	2424983	19.495 ug/ml
2) T n-Decane (C10)	3.742	2487163	19.562 ug/ml
3) T A~Naphthalene (C11.7)	5.307	2739297	19.791 ug/ml
4) T n-Dodecane (C12)	5.731	2517195	19.566 ug/ml
5) T A~2-methylnaphthalene...	6.357	2589820	19.834 ug/ml
6) T n-Tetradecane (C14)	7.523	2508990	19.647 ug/ml
7) T n-Hexadecane (C16)	9.125	2646518	19.849 ug/ml
8) T n-Octadecane (C18)	10.567	2740557	19.734 ug/ml
10) T n-Eicosane (C20)	11.877	2661289	19.685 ug/ml
11) T n-Heneicosane (C21)	12.489	2604796	19.634 ug/ml
13) T n-Docosane (C22)	13.076	2598835	19.713 ug/ml
14) T n-Tetracosane (C24)	14.180	2703416	19.248 ug/ml
15) T n-Hexacosane (C26)	15.203	2501253	19.814 ug/ml
16) T n-Octacosane (C28)	16.153	2475941	19.695 ug/ml
17) T n-Tricontane (C30)	17.041	2540353	19.224 ug/ml
18) T n-Dotriacontane (C32)	17.874	2532897	19.036 ug/ml
19) T n-Tetratriacontane (C34)	18.659	2464512	19.235 ug/ml
20) T n-Hexatriacontane (C36)	19.400	2369789	19.178 ug/ml
21) T n-Octatriacontane (C38)	20.134	2290878	19.180 ug/ml
22) T n-Tetracontane (C40)	21.039	2237607	19.311 ug/ml

(f)=RT Delta > 1/2 Window

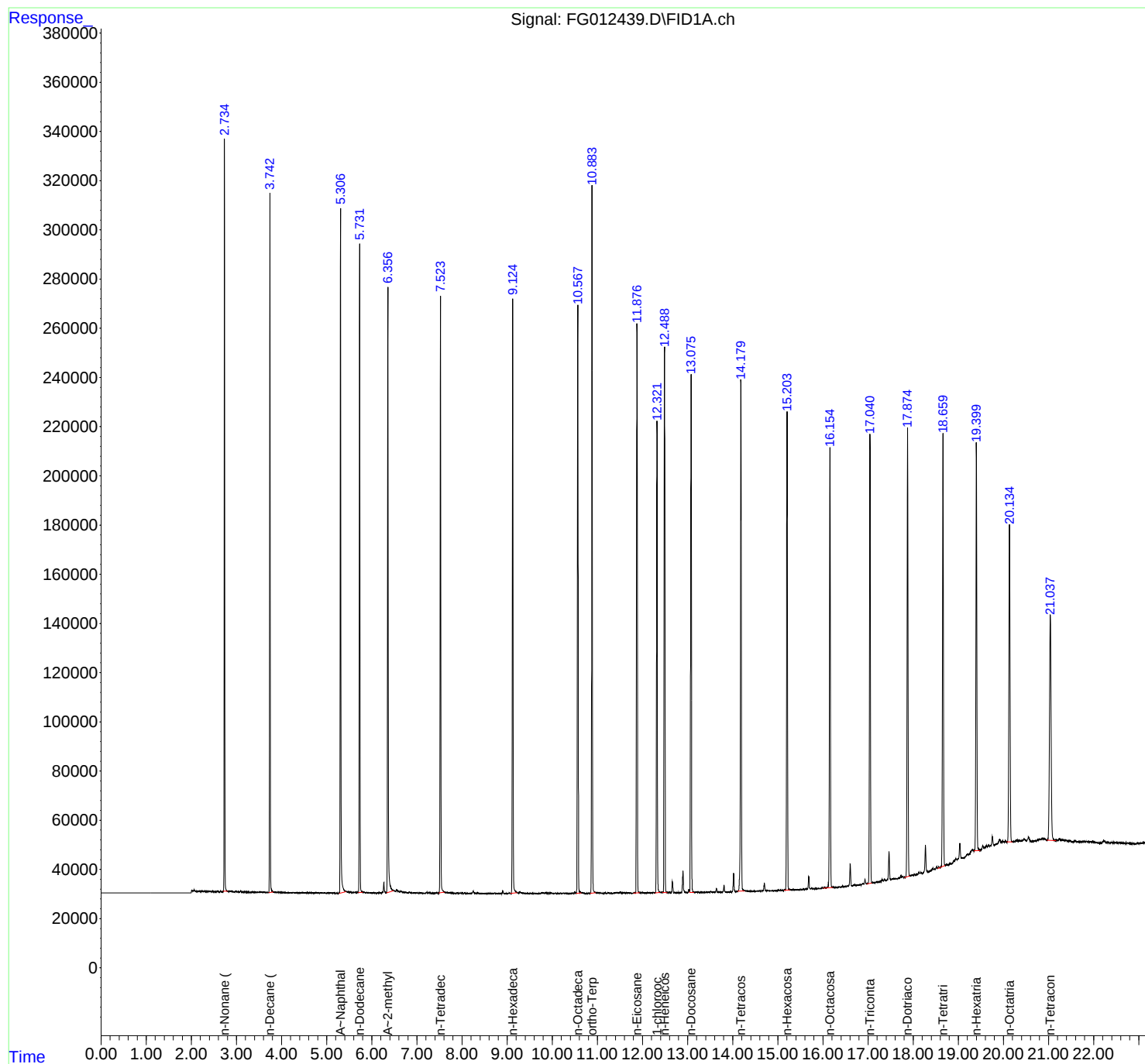
(m)=manual int.

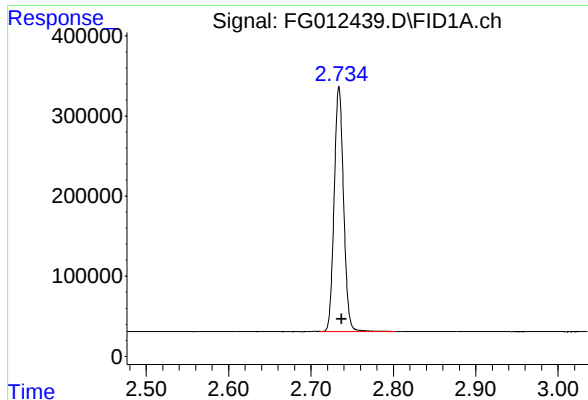
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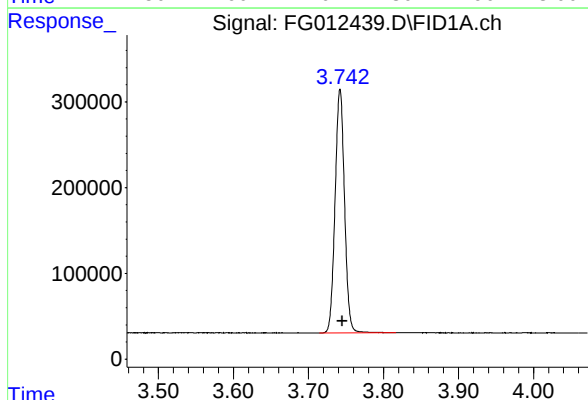
#1 n-Nonane (C9)

R.T.: 2.734 min
Delta R.T.: -0.003 min
Response: 2424983
Conc: 19.49 ug/ml

Instrument :

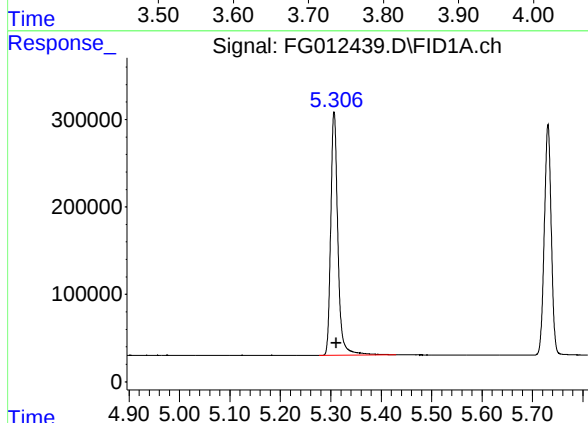
FID_G

ClientSampleId :



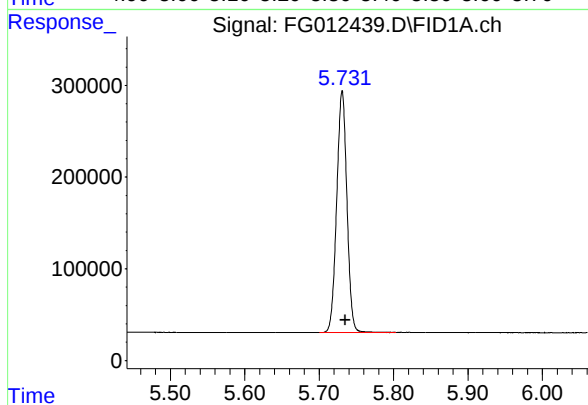
#2 n-Decane (C10)

R.T.: 3.742 min
Delta R.T.: -0.003 min
Response: 2487163
Conc: 19.56 ug/ml



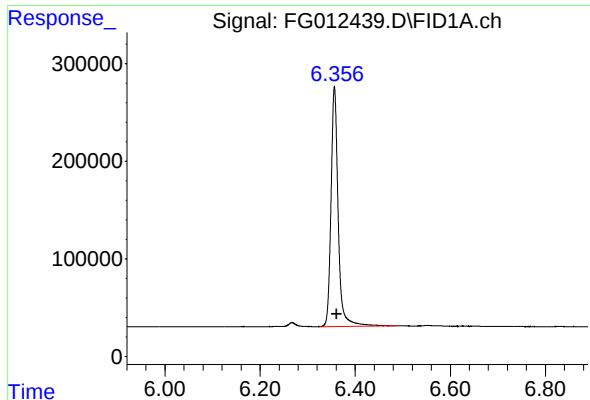
#3 A~Naphthalene (C11.7)

R.T.: 5.307 min
Delta R.T.: -0.004 min
Response: 2739297
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

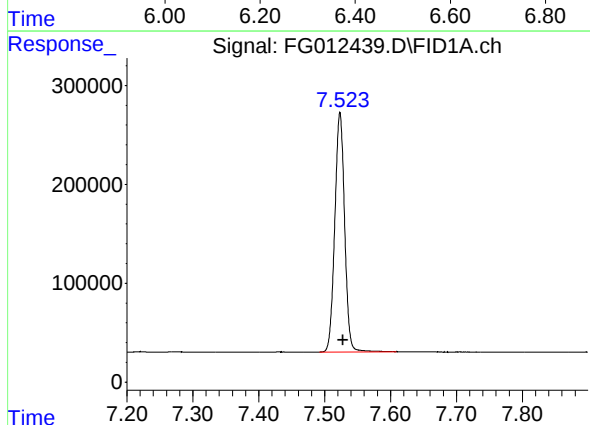
R.T.: 5.731 min
Delta R.T.: -0.004 min
Response: 2517195
Conc: 19.57 ug/ml



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

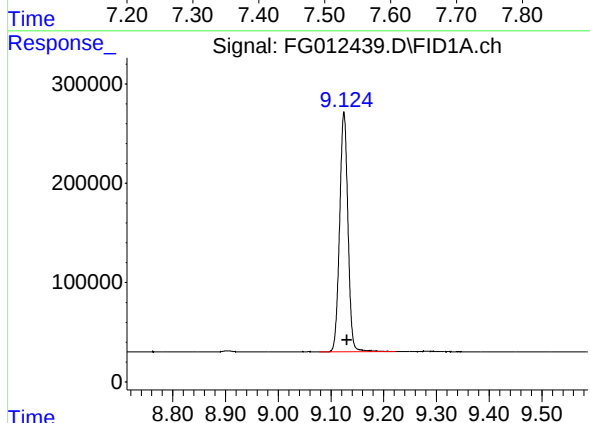
R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 2589820
Conc: 19.83 ug/ml

Instrument :
FID_G
ClientSampleId :



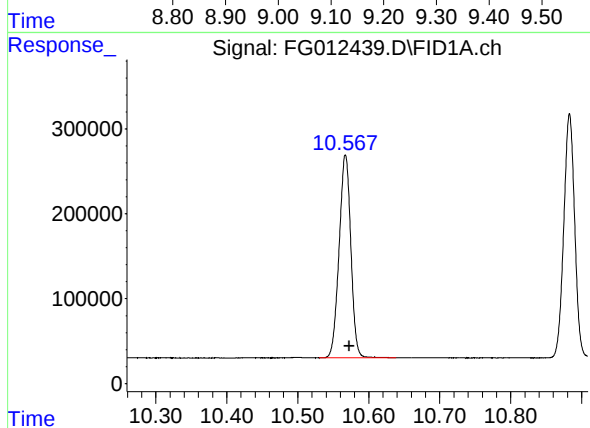
#6 n-Tetradecane (C14)

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 2508990
Conc: 19.65 ug/ml



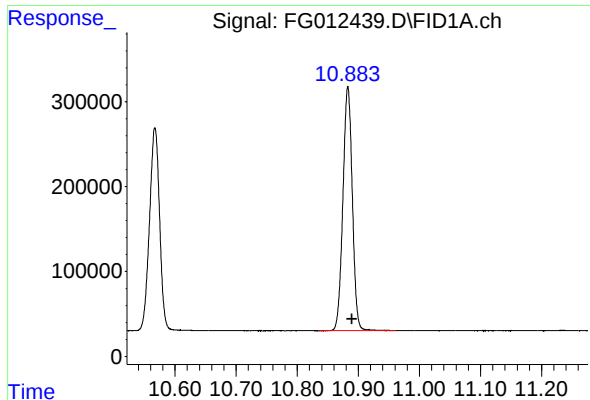
#7 n-Hexadecane (C16)

R.T.: 9.125 min
Delta R.T.: -0.005 min
Response: 2646518
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

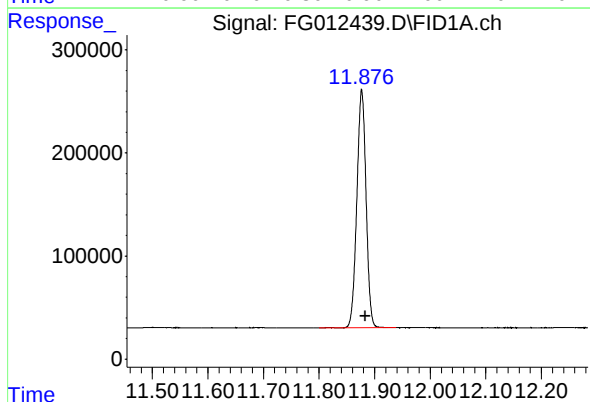
R.T.: 10.567 min
Delta R.T.: -0.005 min
Response: 2740557
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

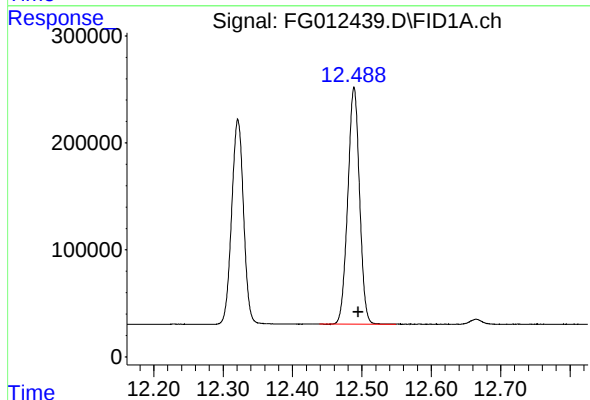
R.T.: 10.883 min
Delta R.T.: -0.007 min
Response: 3073869
Conc: 19.67 ug/ml

Instrument :
FID_G
ClientSampleId :



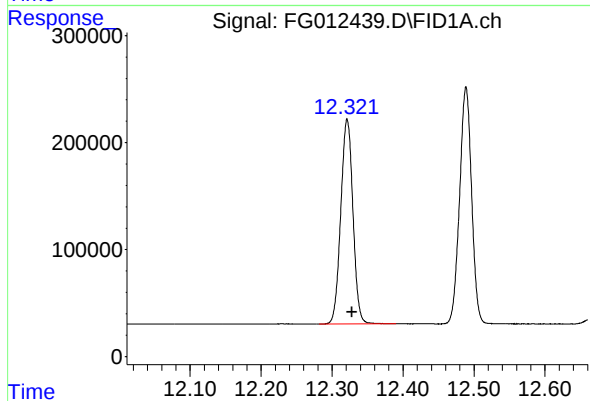
#10 n-Eicosane (C20)

R.T.: 11.877 min
Delta R.T.: -0.006 min
Response: 2661289
Conc: 19.68 ug/ml



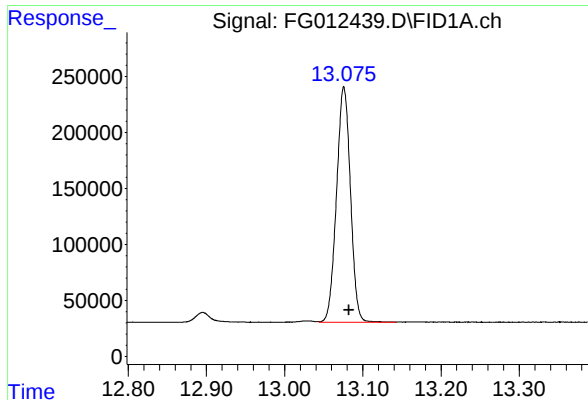
#11 n-Heneicosane (C21)

R.T.: 12.489 min
Delta R.T.: -0.006 min
Response: 2604796
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

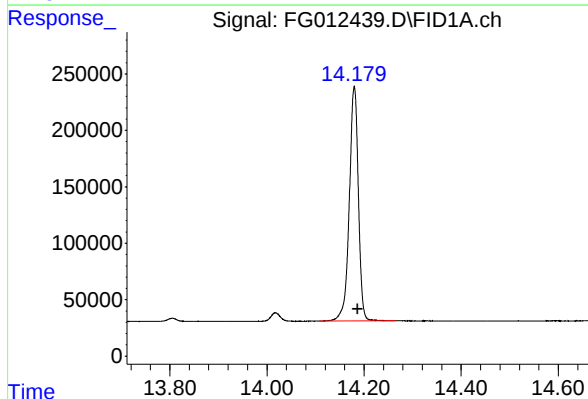
R.T.: 12.321 min
Delta R.T.: -0.007 min
Response: 2278460
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

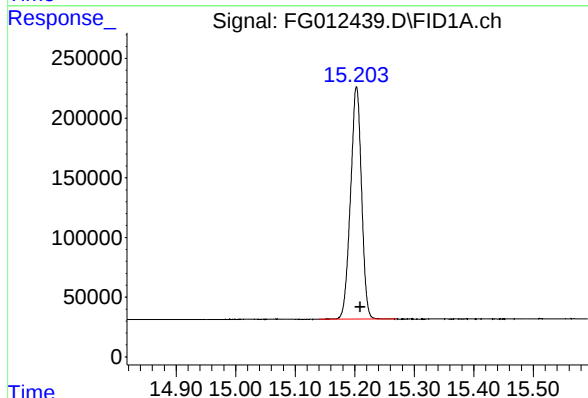
R.T.: 13.076 min
Delta R.T.: -0.006 min
Response: 2598835
Conc: 19.71 ug/ml

Instrument :
FID_G
ClientSampleId :



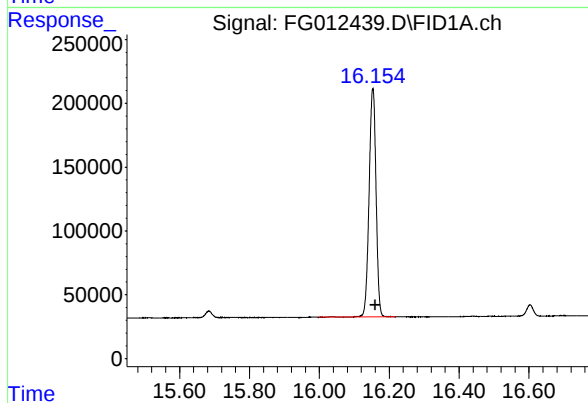
#14 n-Tetracosane (C24)

R.T.: 14.180 min
Delta R.T.: -0.007 min
Response: 2703416
Conc: 19.25 ug/ml



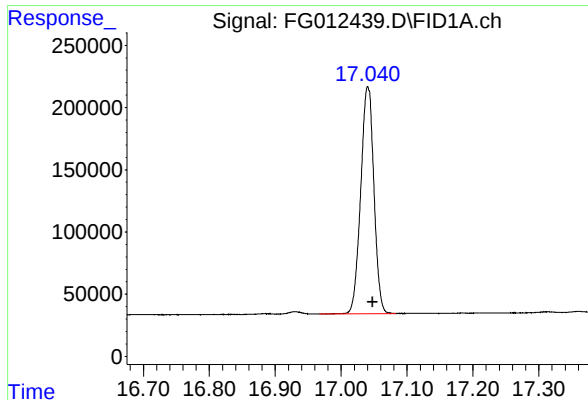
#15 n-Hexacosane (C26)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 2501253
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

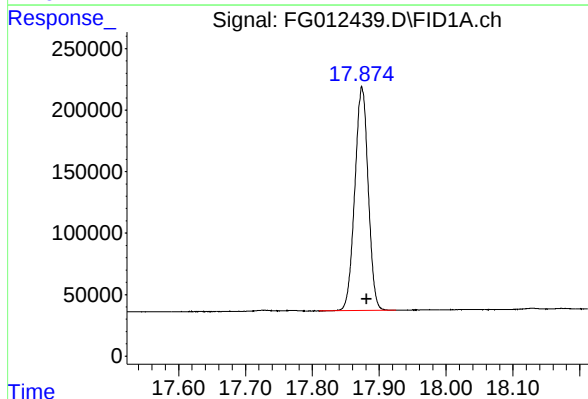
R.T.: 16.153 min
Delta R.T.: -0.007 min
Response: 2475941
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

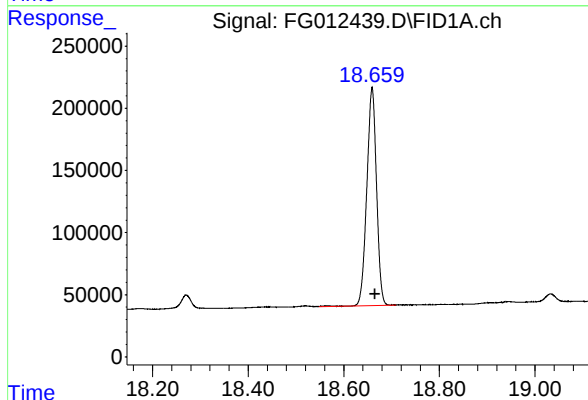
R.T.: 17.041 min
Delta R.T.: -0.007 min
Response: 2540353
Conc: 19.22 ug/ml

Instrument :
FID_G
ClientSampleId :



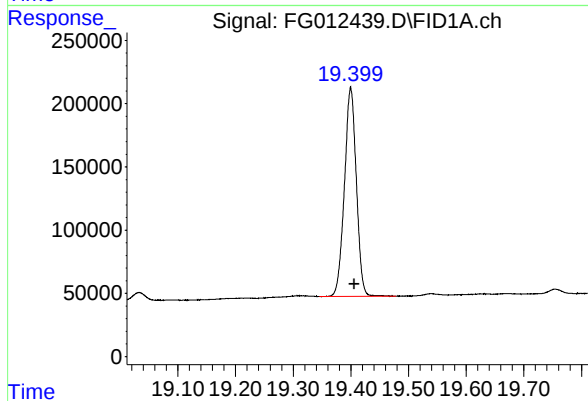
#18 n-Dotriacontane (C32)

R.T.: 17.874 min
Delta R.T.: -0.007 min
Response: 2532897
Conc: 19.04 ug/ml



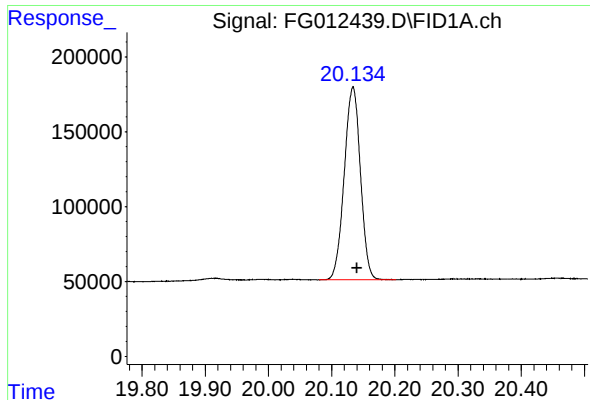
#19 n-Tetratriacontane (C34)

R.T.: 18.659 min
Delta R.T.: -0.006 min
Response: 2464512
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

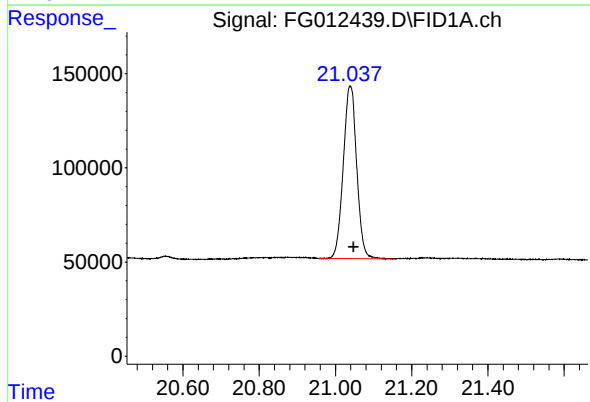
R.T.: 19.400 min
Delta R.T.: -0.006 min
Response: 2369789
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.134 min
Delta R.T.: -0.006 min
Response: 2290878
Conc: 19.18 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.039 min
Delta R.T.: -0.009 min
Response: 2237607
Conc: 19.31 ug/ml