

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012161.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 16:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 01:18:51 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)	10.911	3420436	21.853 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
12) S 1-chlorooctadecane (S...	12.350	2560381	21.592 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
Target Compounds			
1) T n-Nonane (C9)	2.751	2566515	22.291 ug/ml
2) T n-Decane (C10)	3.761	2631802	22.312 ug/ml
3) T A~Naphthalene (C11.7)	5.328	2920483	22.281 ug/ml
4) T n-Dodecane (C12)	5.752	2664802	22.218 ug/ml
5) T A~2-methylnaphthalene...	6.379	2786461	22.073 ug/ml
6) T n-Tetradecane (C14)	7.546	2649539	21.819 ug/ml
7) T n-Hexadecane (C16)	9.149	2808883	21.634 ug/ml
8) T n-Octadecane (C18)	10.593	2948147	21.659 ug/ml
10) T n-Eicosane (C20)	11.904	2911471	21.574 ug/ml
11) T n-Heneicosane (C21)	12.517	2891742	21.514 ug/ml
13) T n-Docosane (C22)	13.104	2885181	21.351 ug/ml
14) T n-Tetracosane (C24)	14.210	2862608	21.033 ug/ml
15) T n-Hexacosane (C26)	15.232	2756573	20.606 ug/ml
16) T n-Octacosane (C28)	16.185	2645864	20.267 ug/ml
17) T n-Tricontane (C30)	17.073	2661032	20.176 ug/ml
18) T n-Dotriacontane (C32)	17.909	2614064	20.348 ug/ml
19) T n-Tetratriacontane (C34)	18.694	2569888	20.974 ug/ml
20) T n-Hexatriacontane (C36)	19.437	2489273	21.398 ug/ml
21) T n-Octatriacontane (C38)	20.178	2479281	22.066 ug/ml
22) T n-Tetracontane (C40)	21.102	2436399	22.613 ug/ml

(f)=RT Delta > 1/2 Window

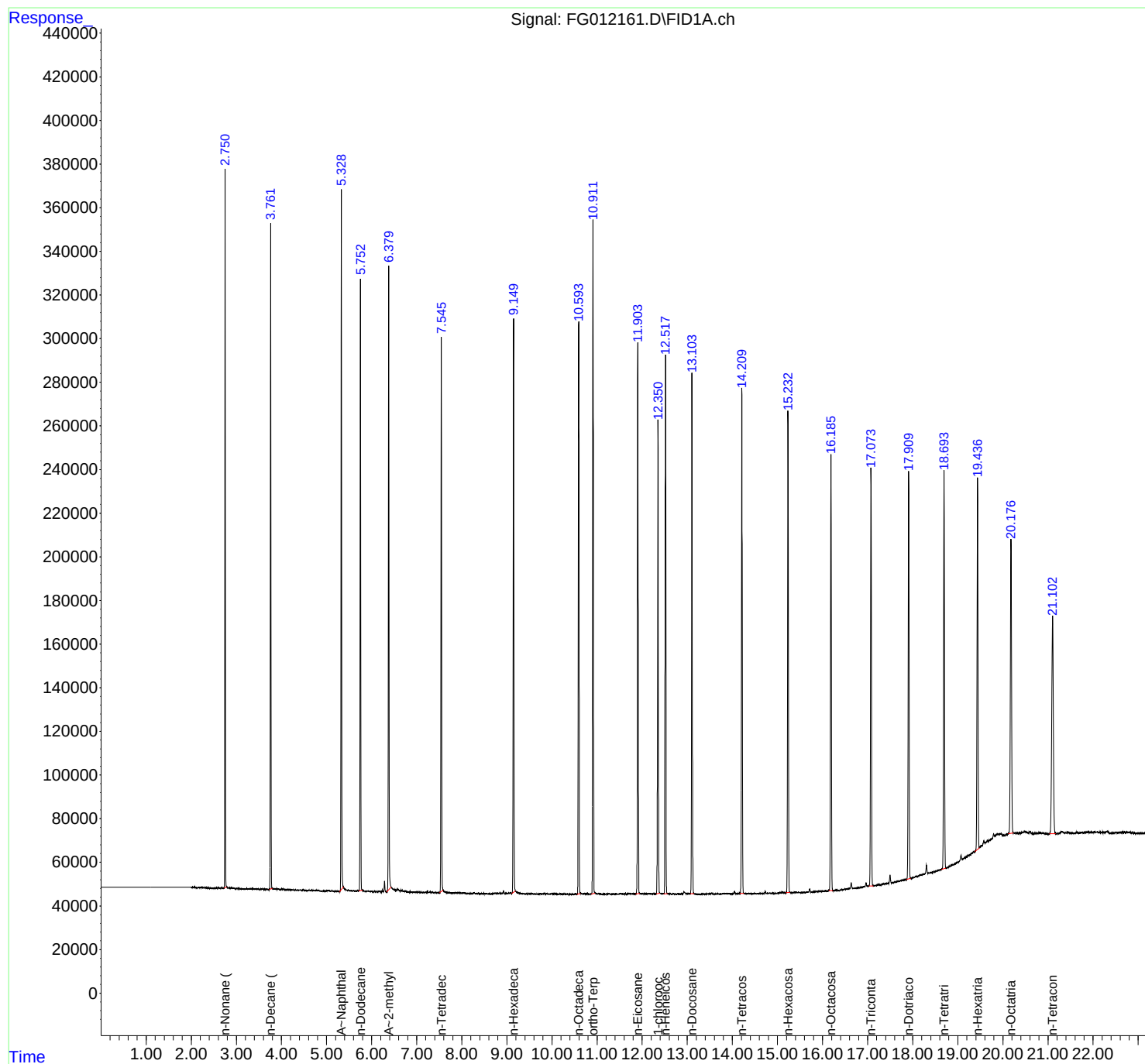
(m)=manual int.

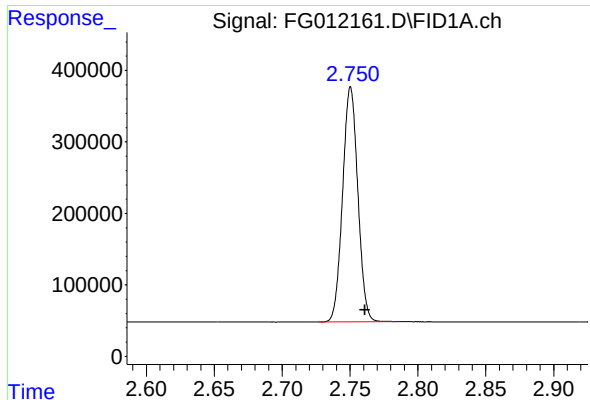
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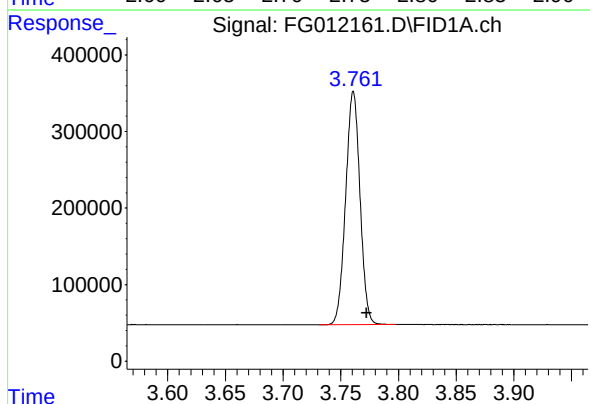




#1 n-Nonane (C9)

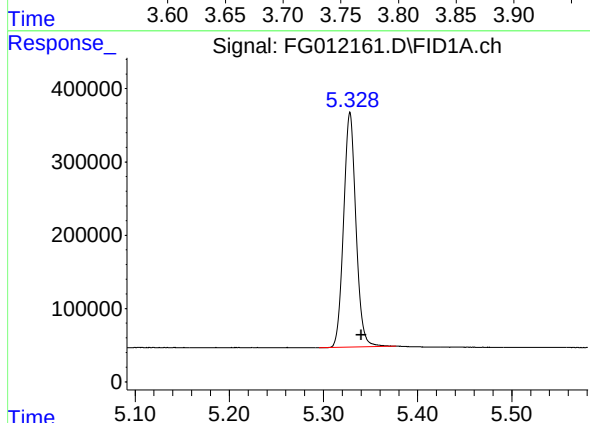
R.T.: 2.751 min
Delta R.T.: -0.010 min
Response: 2566515
Conc: 22.29 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



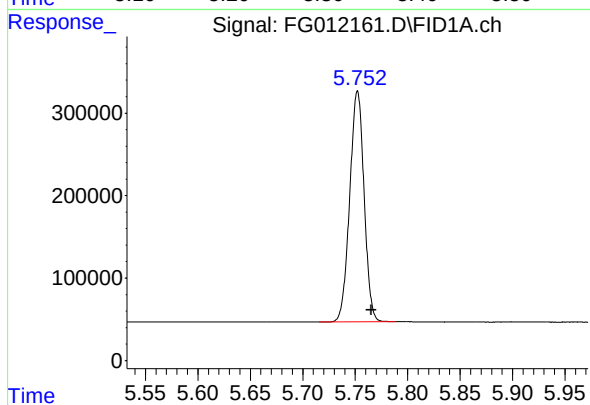
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.012 min
Response: 2631802
Conc: 22.31 ug/ml



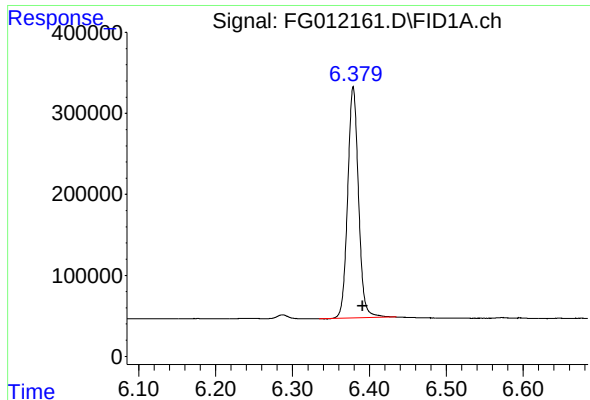
#3 A~Naphthalene (C11.7)

R.T.: 5.328 min
Delta R.T.: -0.012 min
Response: 2920483
Conc: 22.28 ug/ml



#4 n-Dodecane (C12)

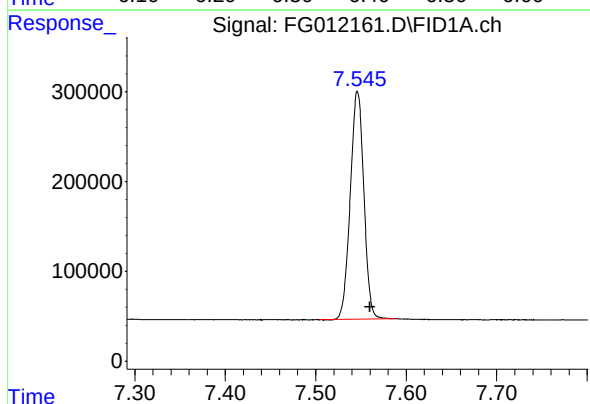
R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 2664802
Conc: 22.22 ug/ml



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

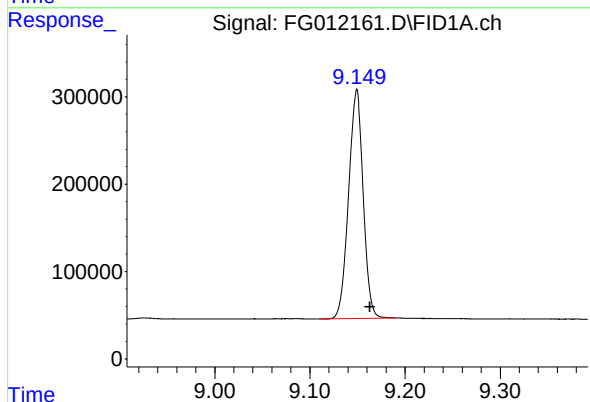
R.T.: 6.379 min
Delta R.T.: -0.012 min
Response: 2786461
Conc: 22.07 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



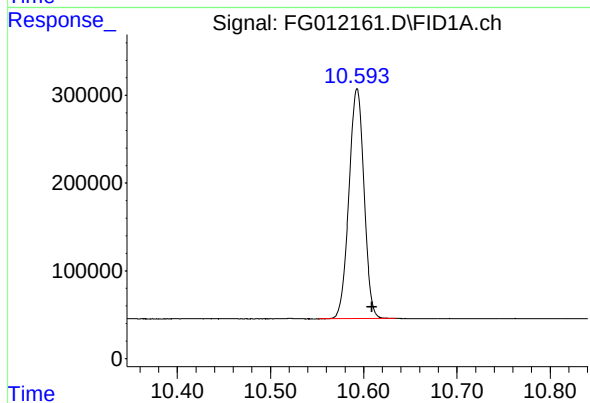
#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 2649539
Conc: 21.82 ug/ml



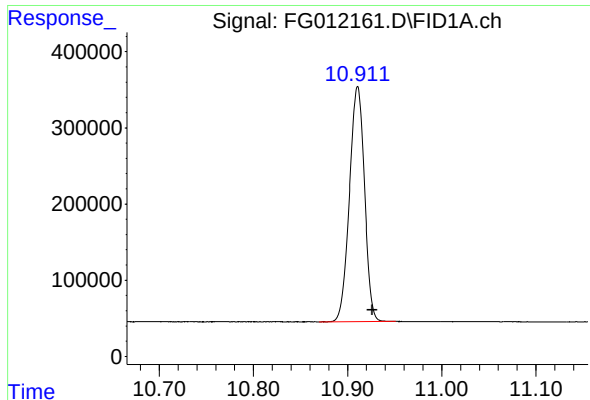
#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 2808883
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

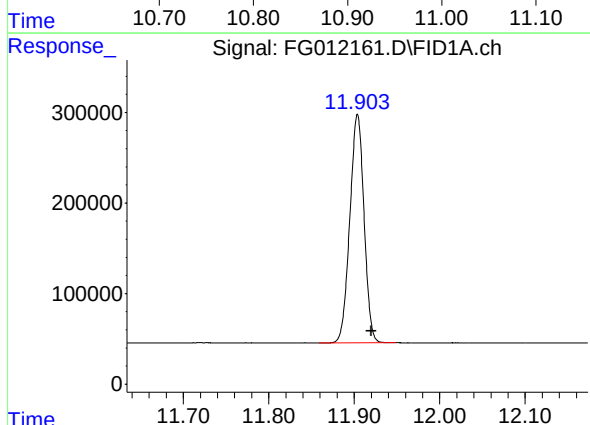
R.T.: 10.593 min
Delta R.T.: -0.016 min
Response: 2948147
Conc: 21.66 ug/ml



#9 ortho-Terphenyl (SURR)

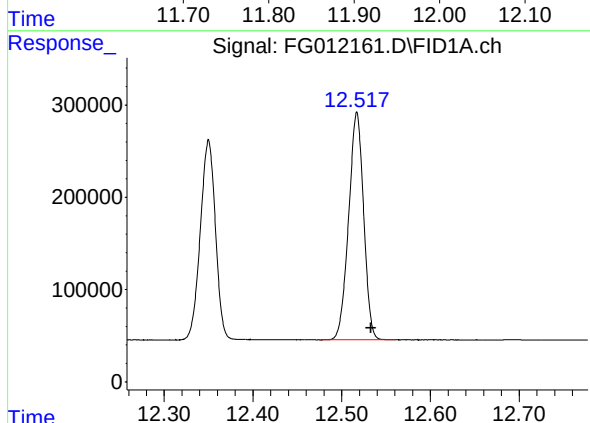
R.T.: 10.911 min
Delta R.T.: -0.015 min
Response: 3420436
Conc: 21.85 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



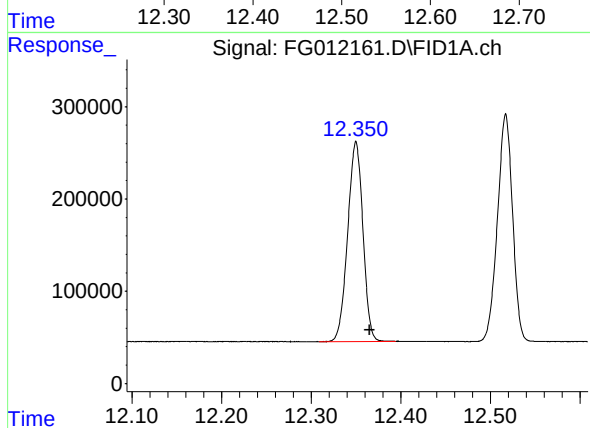
#10 n-Eicosane (C20)

R.T.: 11.904 min
Delta R.T.: -0.016 min
Response: 2911471
Conc: 21.57 ug/ml



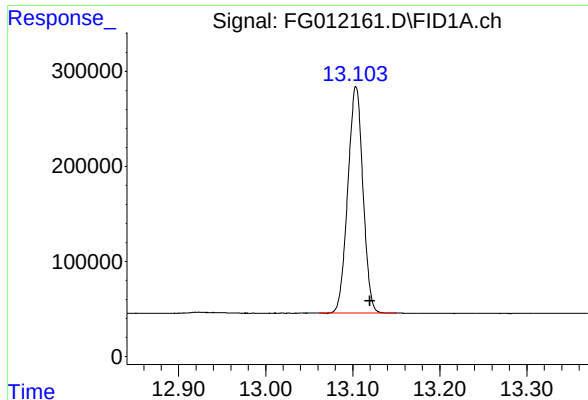
#11 n-Heneicosane (C21)

R.T.: 12.517 min
Delta R.T.: -0.016 min
Response: 2891742
Conc: 21.51 ug/ml



#12 1-chlorooctadecane (SURR)

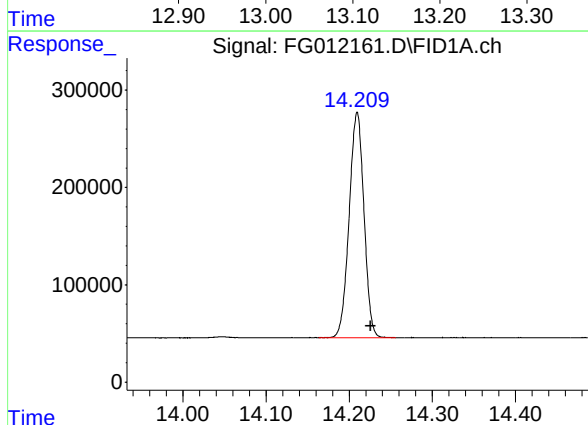
R.T.: 12.350 min
Delta R.T.: -0.015 min
Response: 2560381
Conc: 21.59 ug/ml



#13 n-Docosane (C22)

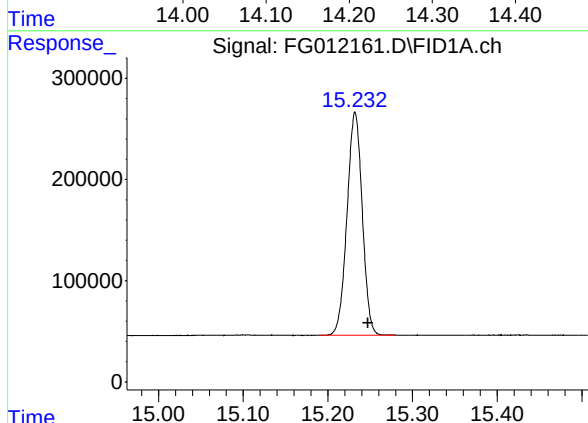
R.T.: 13.104 min
Delta R.T.: -0.016 min
Response: 2885181
Conc: 21.35 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



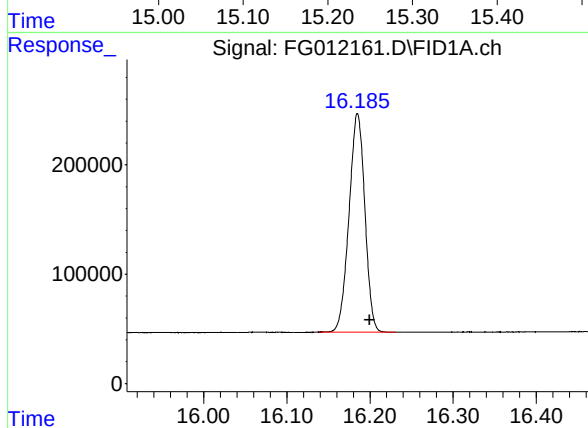
#14 n-Tetracosane (C24)

R.T.: 14.210 min
Delta R.T.: -0.016 min
Response: 2862608
Conc: 21.03 ug/ml



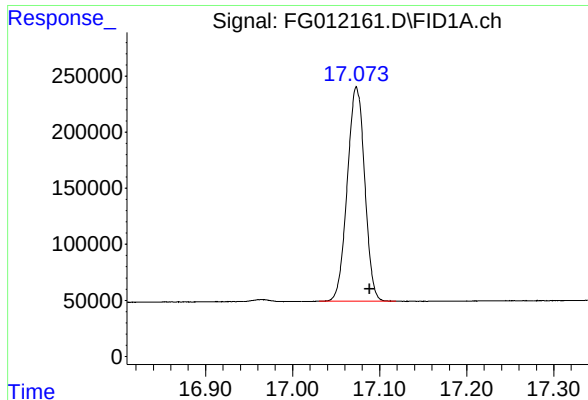
#15 n-Hexacosane (C26)

R.T.: 15.232 min
Delta R.T.: -0.015 min
Response: 2756573
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

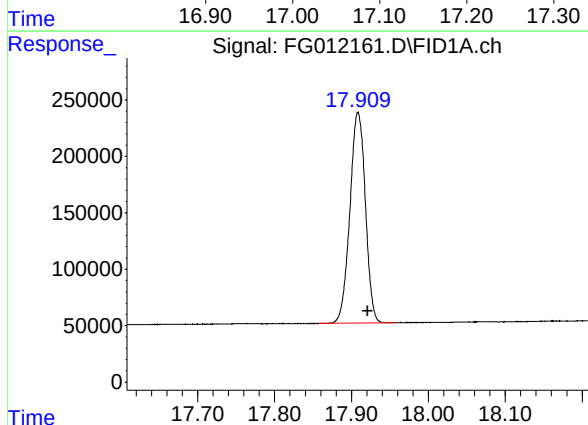
R.T.: 16.185 min
Delta R.T.: -0.014 min
Response: 2645864
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

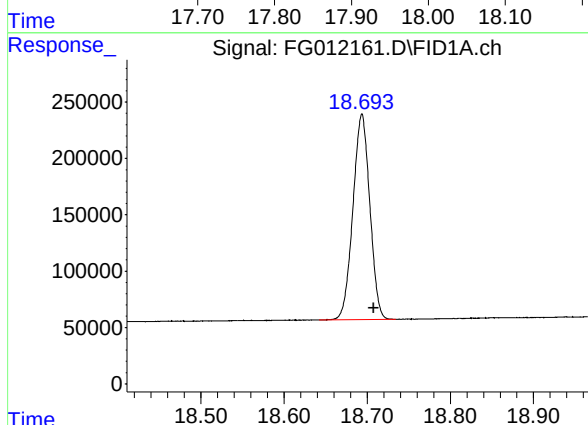
R.T.: 17.073 min
Delta R.T.: -0.015 min
Response: 2661032
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



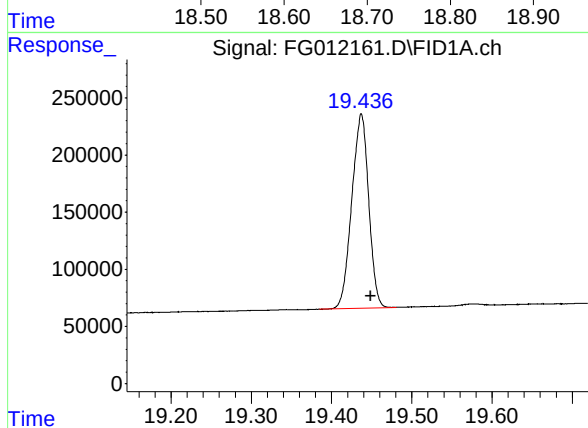
#18 n-Dotriacontane (C32)

R.T.: 17.909 min
Delta R.T.: -0.013 min
Response: 2614064
Conc: 20.35 ug/ml



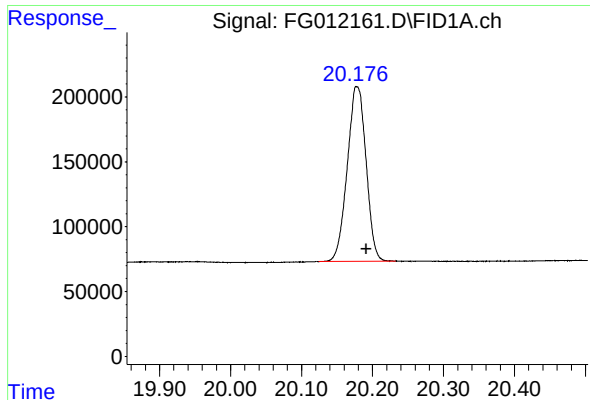
#19 n-Tetratriacontane (C34)

R.T.: 18.694 min
Delta R.T.: -0.014 min
Response: 2569888
Conc: 20.97 ug/ml



#20 n-Hexatriacontane (C36)

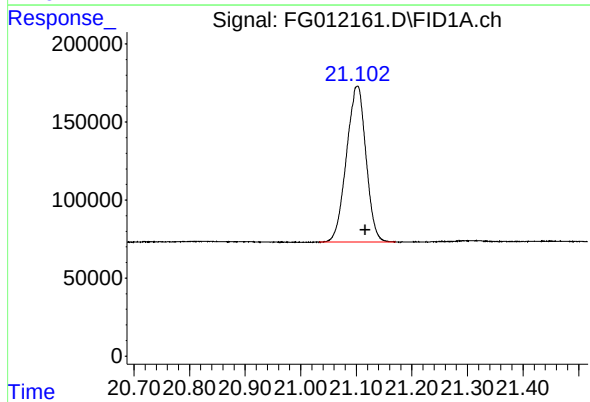
R.T.: 19.437 min
Delta R.T.: -0.011 min
Response: 2489273
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.178 min
Delta R.T.: -0.014 min
Response: 2479281
Conc: 22.07 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.102 min
Delta R.T.: -0.014 min
Response: 2436399
Conc: 22.61 ug/ml