

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022725AL\
 Data File : FC068311.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 13:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 05 04:44:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 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)	11.397	3033346	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	12.840	2221647	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.204	2828328	20.105 ug/ml
2) T n-Decane (C10)	4.261	2864523	20.219 ug/ml
3) T A~Naphthalene (C11.7)	5.828	3091717	20.203 ug/ml
4) T n-Dodecane (C12)	6.270	2831960	20.119 ug/ml
5) T A~2-methylnaphthalene...	6.880	2921670	20.173 ug/ml
6) T n-Tetradecane (C14)	8.058	2729412	20.019 ug/ml
7) T n-Hexadecane (C16)	9.654	2751634	20.090 ug/ml
8) T n-Octadecane (C18)	11.092	2749117	20.102 ug/ml
10) T n-Eicosane (C20)	12.398	2618262	20.096 ug/ml
11) T n-Heneicosane (C21)	13.009	2563147	20.048 ug/ml
13) T n-Docosane (C22)	13.594	2536870	20.129 ug/ml
14) T n-Tetracosane (C24)	14.695	2513548	20.209 ug/ml
15) T n-Hexacosane (C26)	15.714	2468793	20.304 ug/ml
16) T n-Octacosane (C28)	16.663	2423834	20.408 ug/ml
17) T n-Tricontane (C30)	17.550	2494006	20.720 ug/ml
18) T n-Dotriacontane (C32)	18.381	2439083	21.014 ug/ml
19) T n-Tetratriacontane (C34)	19.164	2196747	20.329 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1915492	19.918 ug/ml
21) T n-Octatriacontane (C38)	20.616	1807621	20.108 ug/ml
22) T n-Tetracontane (C40)	21.467	1721919	19.902 ug/ml

(f)=RT Delta > 1/2 Window

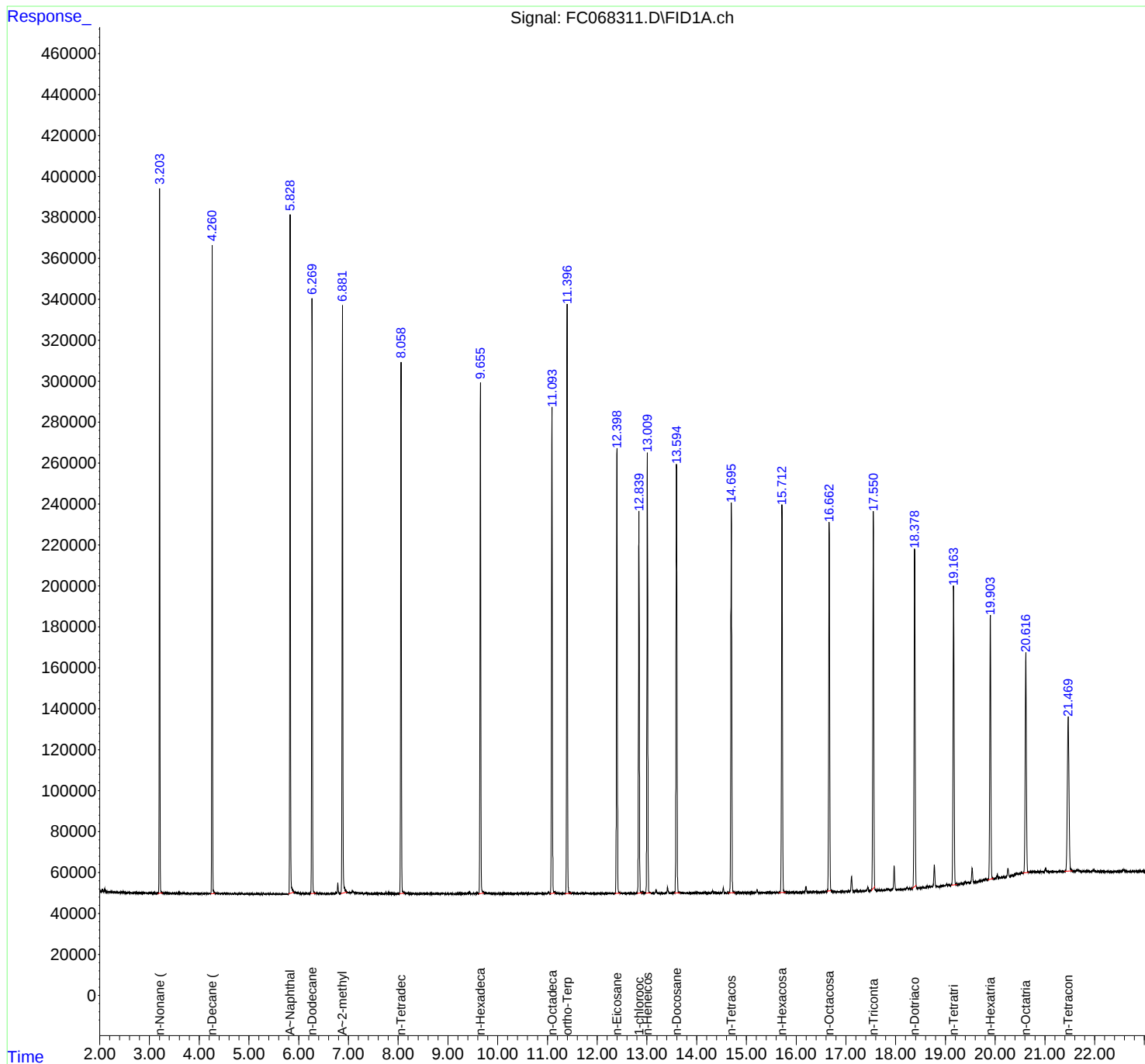
(m)=manual int.

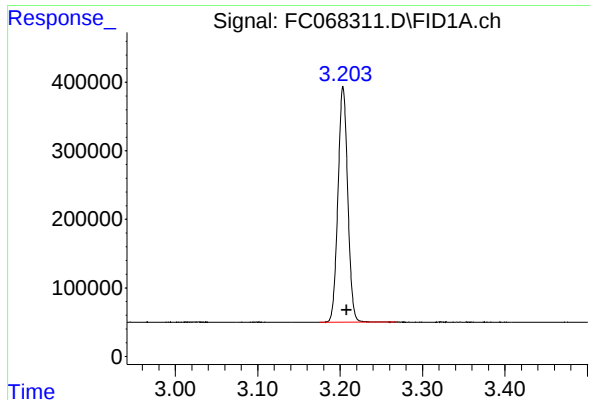
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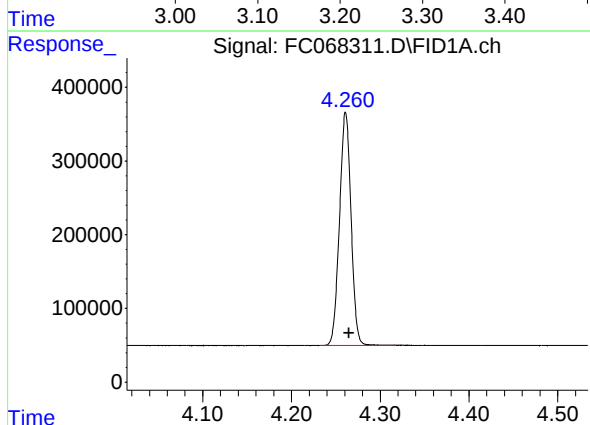




#1 n-Nonane (C9)

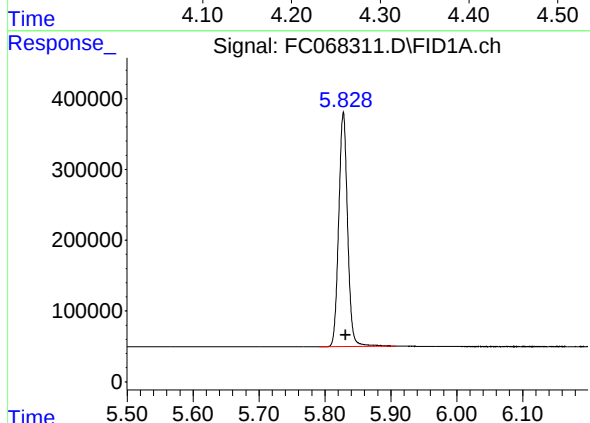
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2828328
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



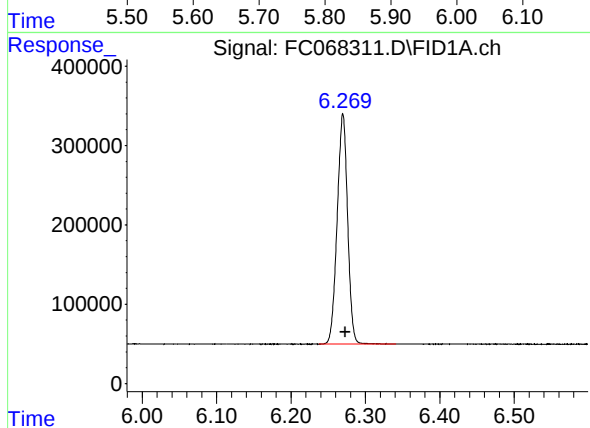
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 2864523
Conc: 20.22 ug/ml



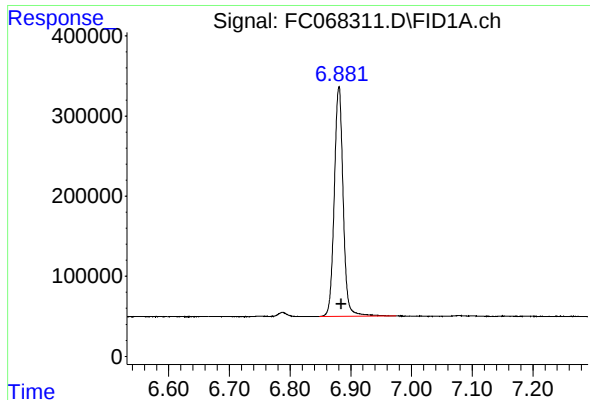
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 3091717
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

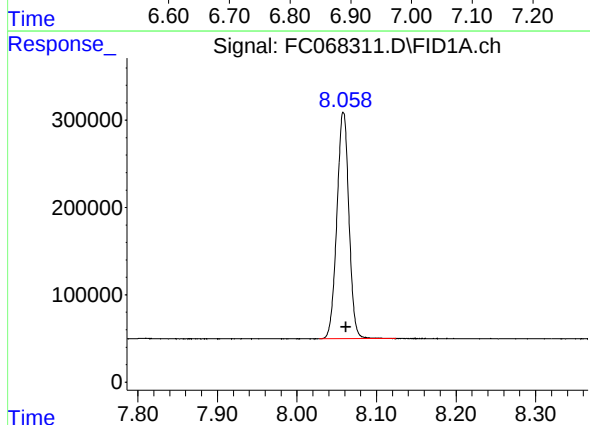
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 2831960
Conc: 20.12 ug/ml



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

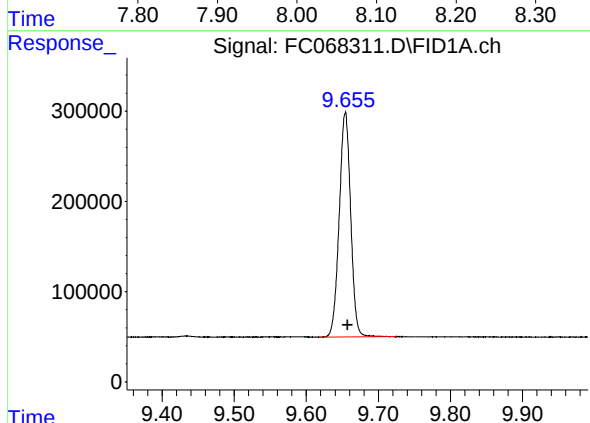
R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 2921670
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



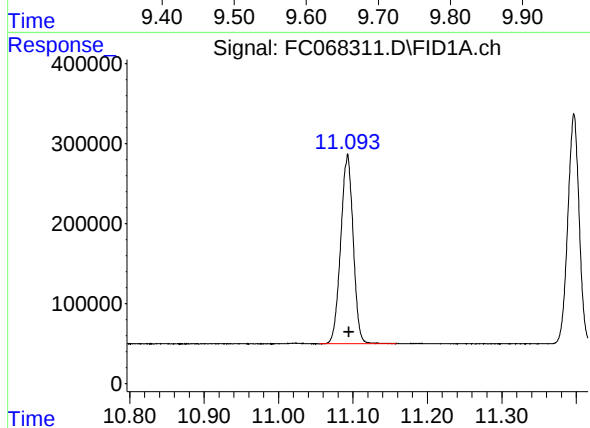
#6 n-Tetradecane (C14)

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 2729412
Conc: 20.02 ug/ml



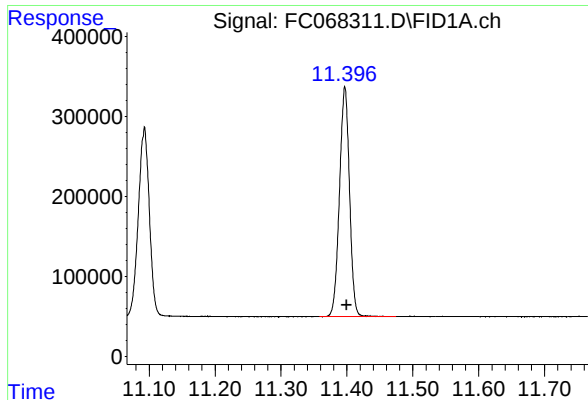
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.003 min
Response: 2751634
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

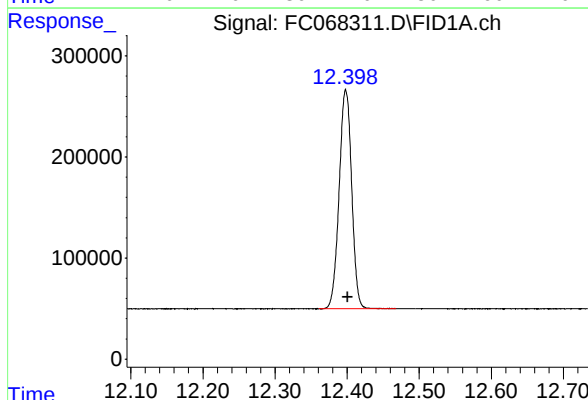
R.T.: 11.092 min
Delta R.T.: -0.002 min
Response: 2749117
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

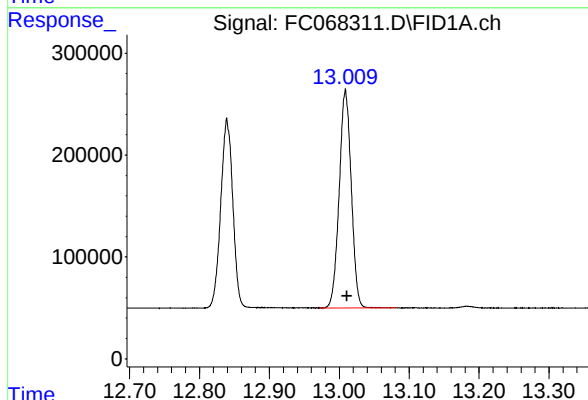
R.T.: 11.397 min
Delta R.T.: -0.003 min
Response: 3033346
Conc: 19.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



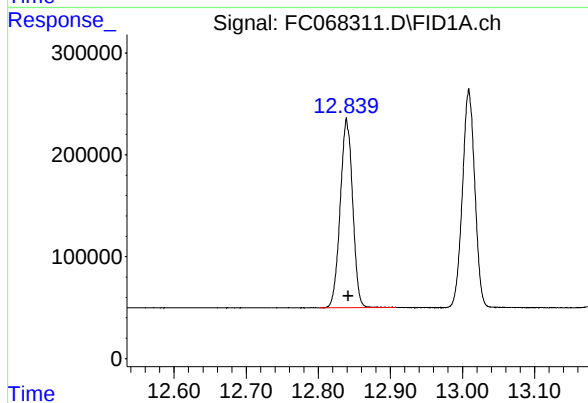
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: -0.003 min
Response: 2618262
Conc: 20.10 ug/ml



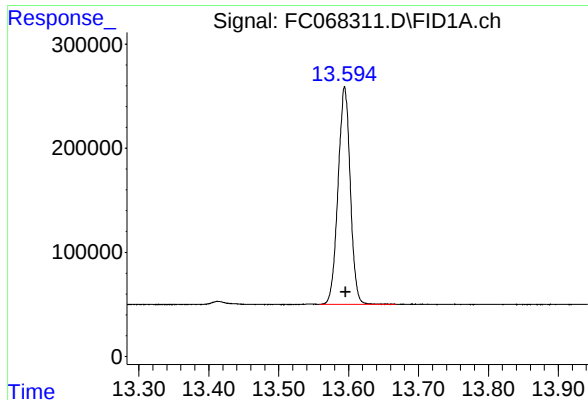
#11 n-Heneicosane (C21)

R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 2563147
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

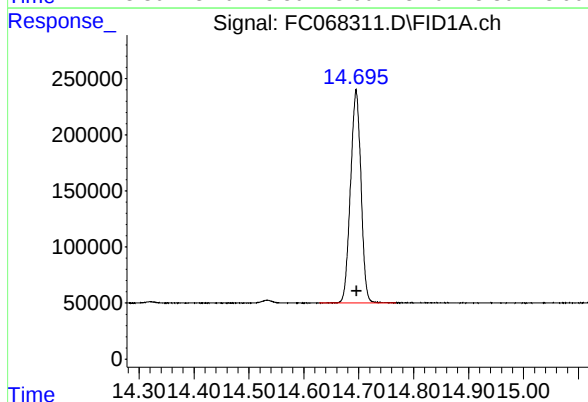
R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 2221647
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

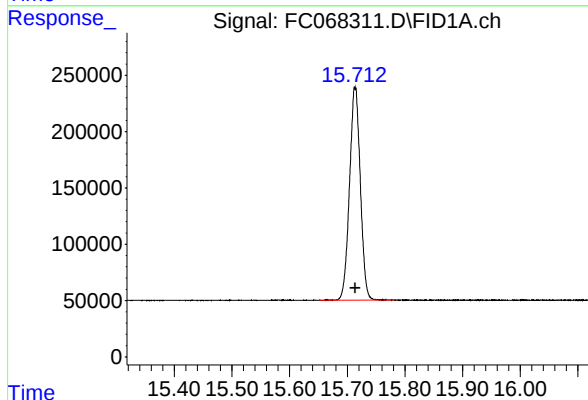
R.T.: 13.594 min
Delta R.T.: -0.002 min
Response: 2536870
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



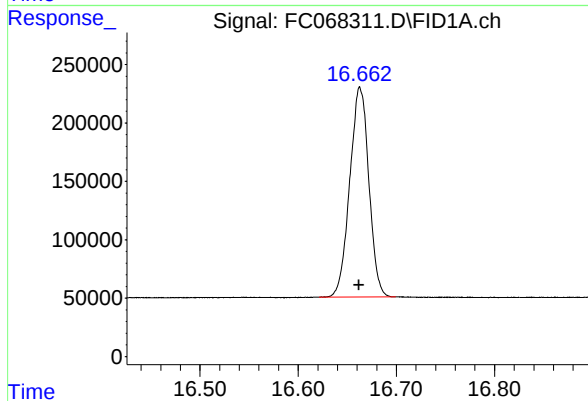
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 2513548
Conc: 20.21 ug/ml



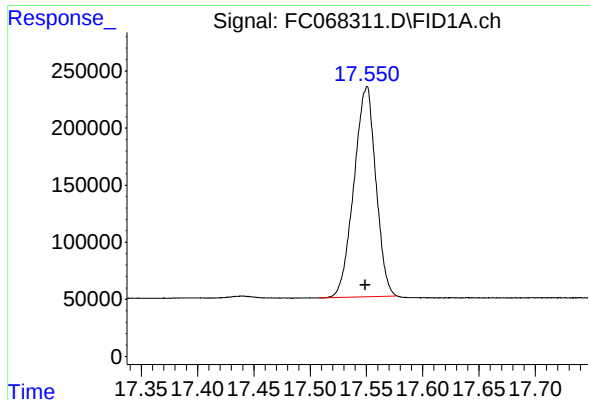
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2468793
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

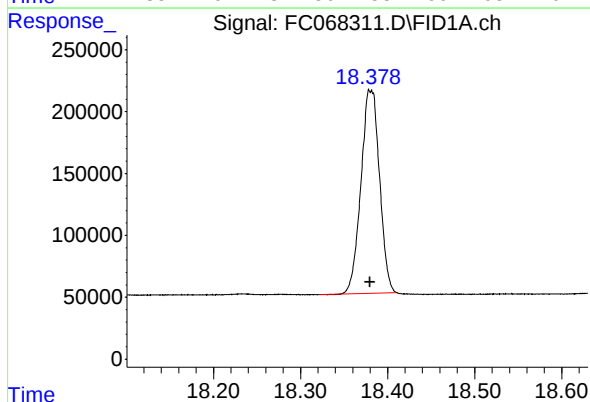
R.T.: 16.663 min
Delta R.T.: 0.001 min
Response: 2423834
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

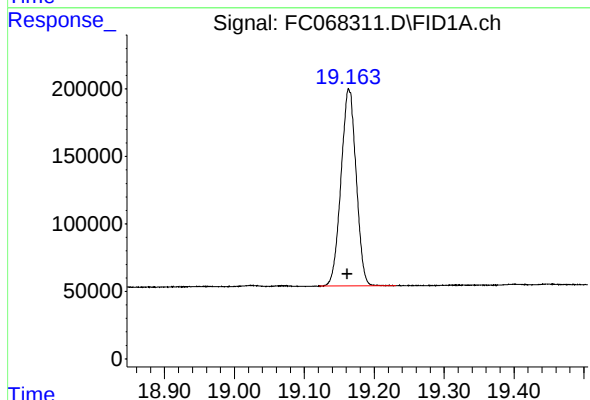
R.T.: 17.550 min
Delta R.T.: 0.000 min
Response: 2494006
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



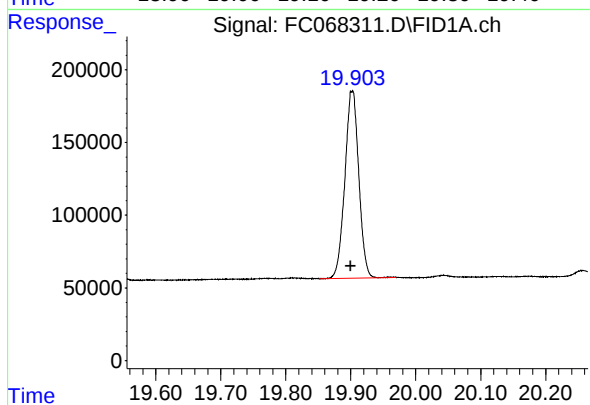
#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: 0.000 min
Response: 2439083
Conc: 21.01 ug/ml



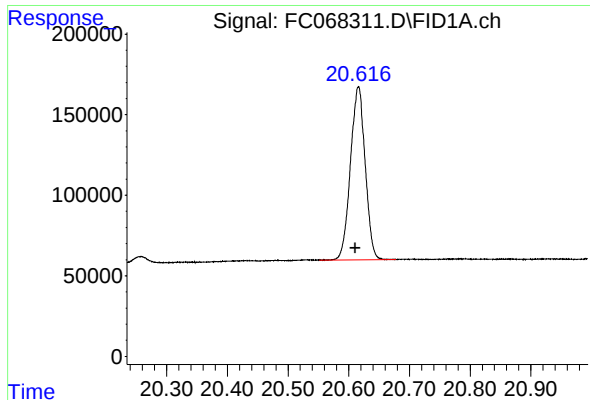
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.003 min
Response: 2196747
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

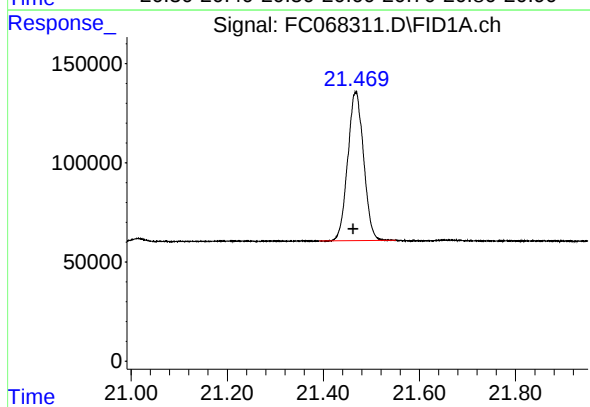
R.T.: 19.902 min
Delta R.T.: 0.002 min
Response: 1915492
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 1807621
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.467 min
Delta R.T.: 0.005 min
Response: 1721919
Conc: 19.90 ug/ml