

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110824AL\
 Data File : FG014719.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2024 19:52
 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: Nov 09 03:41:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 2024
 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)	11.950	2985111	19.476 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.389	2299722	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.323	2612193	20.185 ug/ml
2) T n-Decane (C10)	4.574	2690743	20.420 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2887018	20.126 ug/ml
4) T n-Dodecane (C12)	6.743	2739220	20.620 ug/ml
5) T A~2-methylnaphthalene...	7.375	2811046	20.150 ug/ml
6) T n-Tetradecane (C14)	8.575	2732686	20.596 ug/ml
7) T n-Hexadecane (C16)	10.186	2816699	20.269 ug/ml
8) T n-Octadecane (C18)	11.633	2826277	19.742 ug/ml
10) T n-Eicosane (C20)	12.944	2699908	19.199 ug/ml
11) T n-Heneicosane (C21)	13.557	2639662	18.859 ug/ml
13) T n-Docosane (C22)	14.144	2622795	18.645 ug/ml
14) T n-Tetracosane (C24)	15.250	2598505	18.261 ug/ml
15) T n-Hexacosane (C26)	16.271	2523516	17.878 ug/ml
16) T n-Octacosane (C28)	17.222	2499128	18.083 ug/ml
17) T n-Tricontane (C30)	18.111	2629653	18.973 ug/ml
18) T n-Dotriacontane (C32)	18.943	2565770	19.597 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2198336	19.641 ug/ml
20) T n-Hexatriacontane (C36)	20.467	1851006	19.887 ug/ml
21) T n-Octatriacontane (C38)	21.216	1706494	20.425 ug/ml
22) T n-Tetracontane (C40)	22.153	1651008	21.712 ug/ml

(f)=RT Delta > 1/2 Window

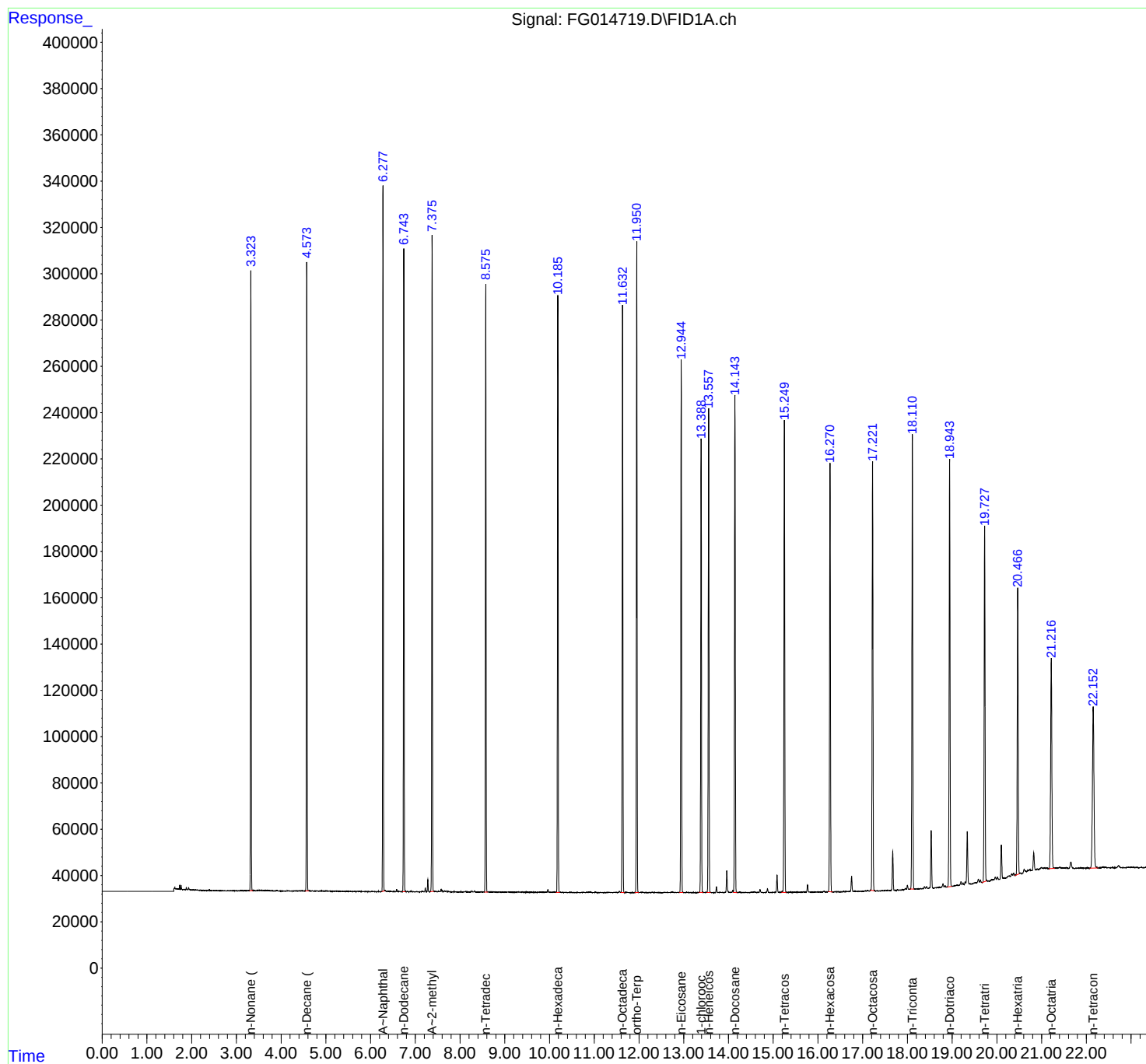
(m)=manual int.

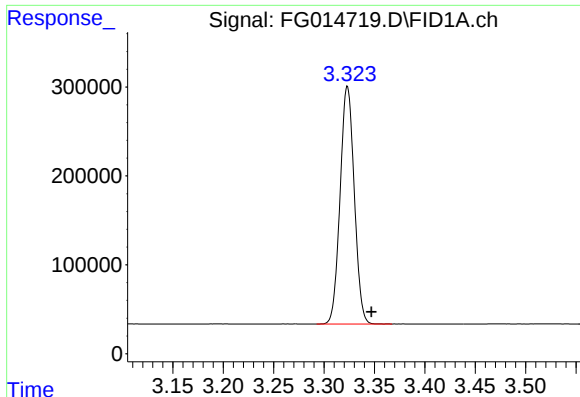
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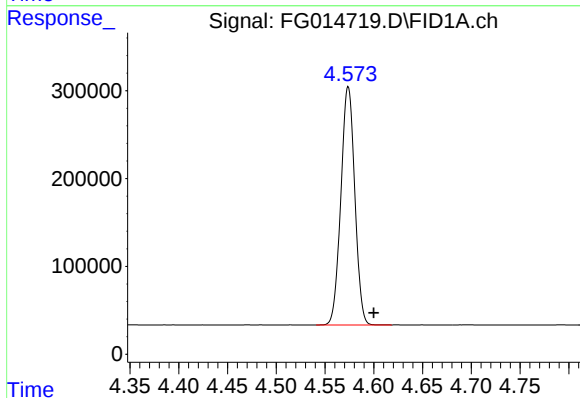




#1 n-Nonane (C9)

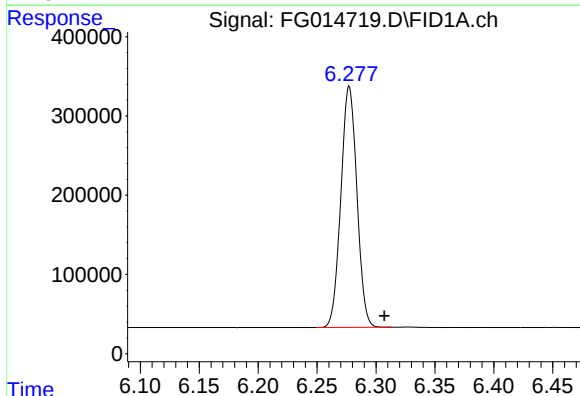
R.T.: 3.323 min
Delta R.T.: -0.024 min
Response: 2612193
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



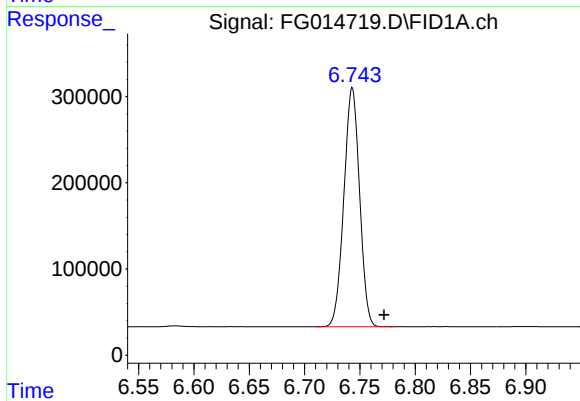
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.026 min
Response: 2690743
Conc: 20.42 ug/ml



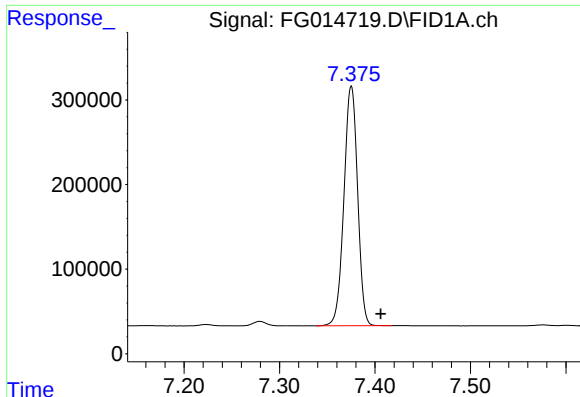
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.030 min
Response: 2887018
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

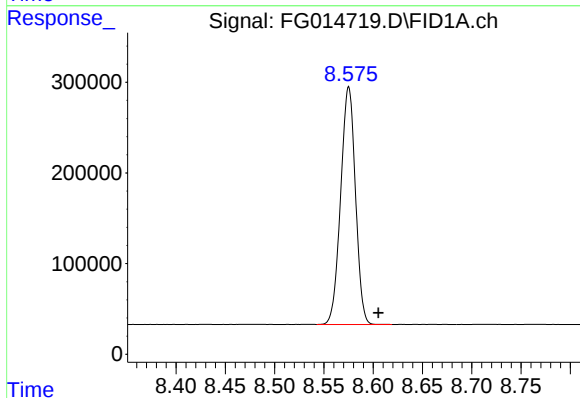
R.T.: 6.743 min
Delta R.T.: -0.029 min
Response: 2739220
Conc: 20.62 ug/ml



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

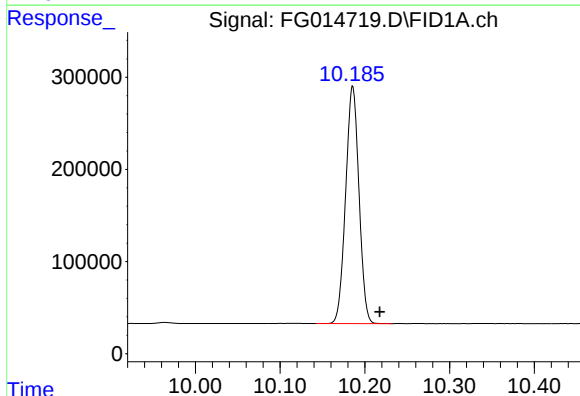
R.T.: 7.375 min
Delta R.T.: -0.031 min
Response: 2811046
Conc: 20.15 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



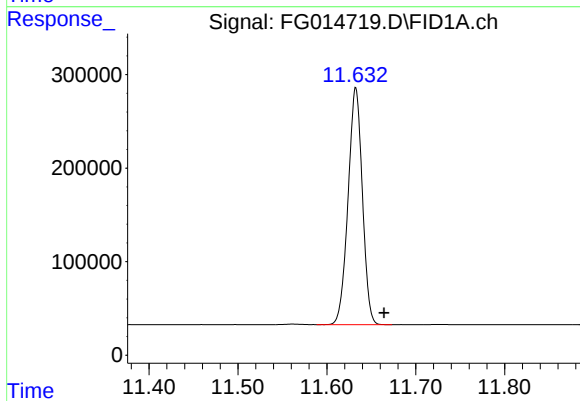
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.030 min
Response: 2732686
Conc: 20.60 ug/ml



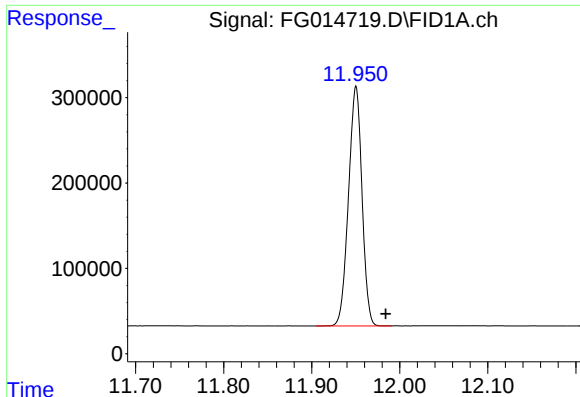
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.032 min
Response: 2816699
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

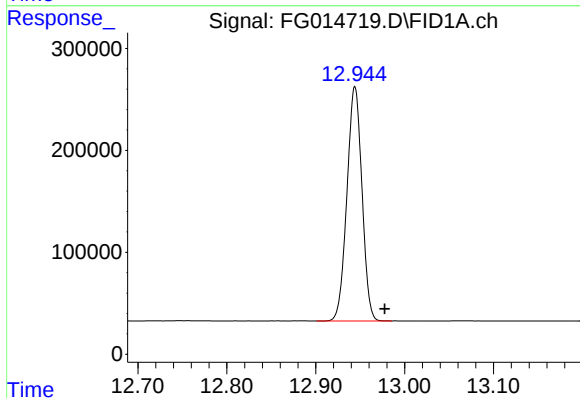
R.T.: 11.633 min
Delta R.T.: -0.032 min
Response: 2826277
Conc: 19.74 ug/ml



#9 ortho-Terphenyl (SURR)

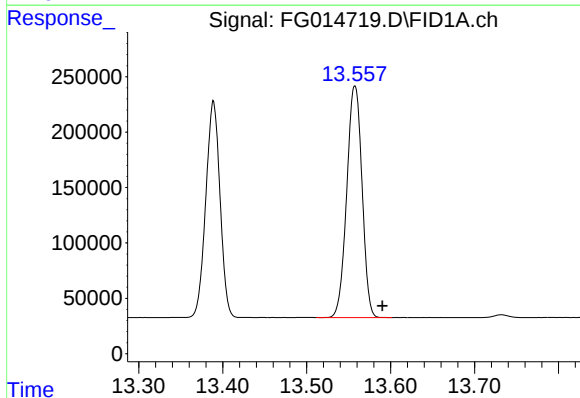
R.T.: 11.950 min
Delta R.T.: -0.034 min
Response: 2985111
Conc: 19.48 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



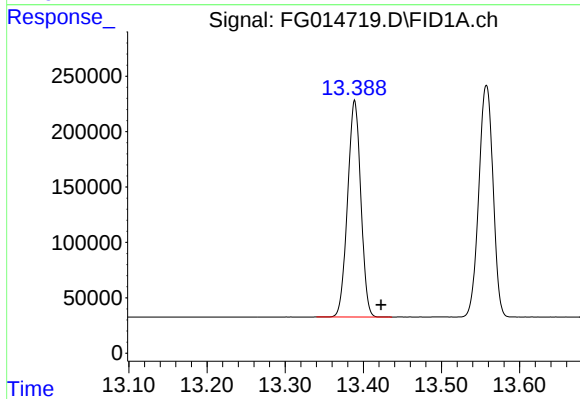
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.033 min
Response: 2699908
Conc: 19.20 ug/ml



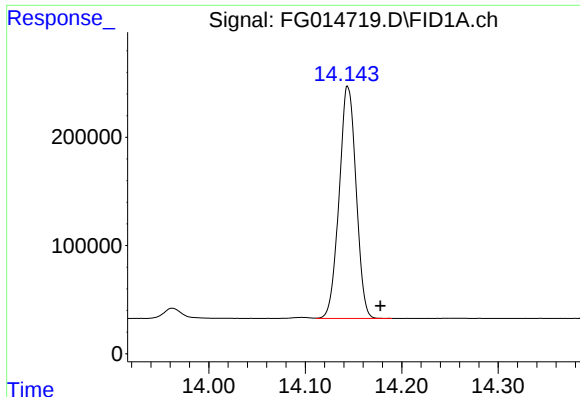
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.033 min
Response: 2639662
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

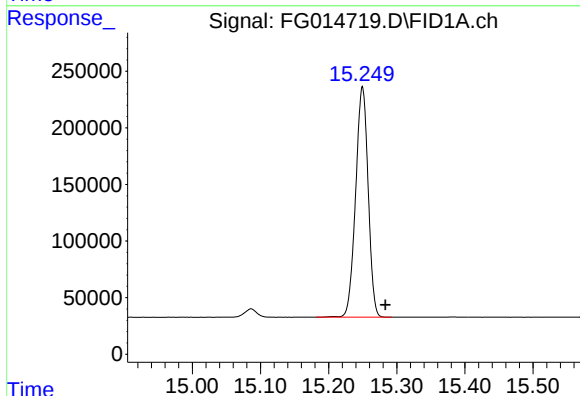
R.T.: 13.389 min
Delta R.T.: -0.034 min
Response: 2299722
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

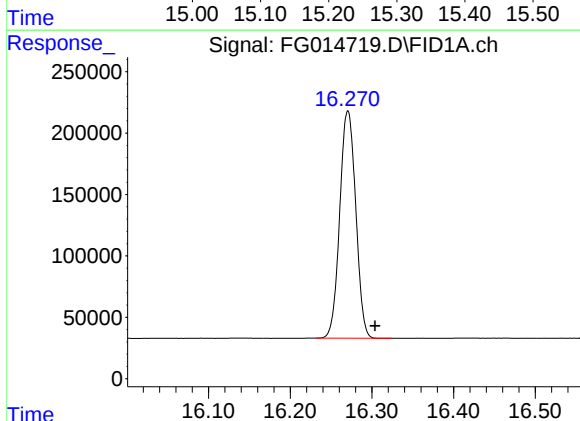
R.T.: 14.144 min
Delta R.T.: -0.034 min
Response: 2622795
Conc: 18.64 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



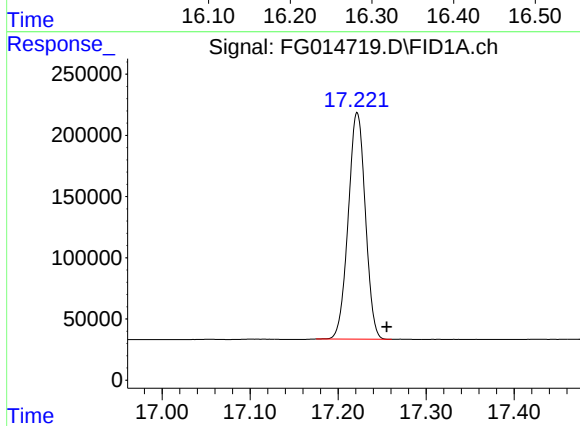
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.034 min
Response: 2598505
Conc: 18.26 ug/ml



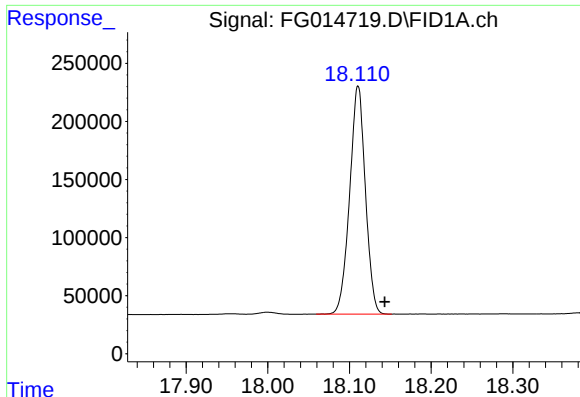
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.033 min
Response: 2523516
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

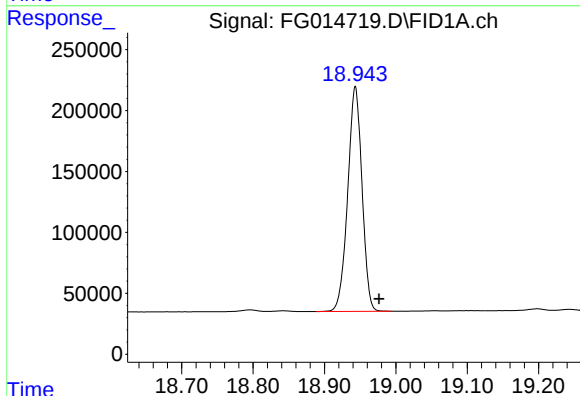
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 2499128
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

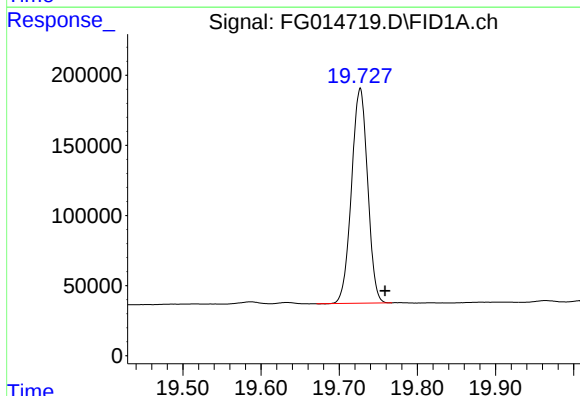
R.T.: 18.111 min
Delta R.T.: -0.033 min
Response: 2629653
Conc: 18.97 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



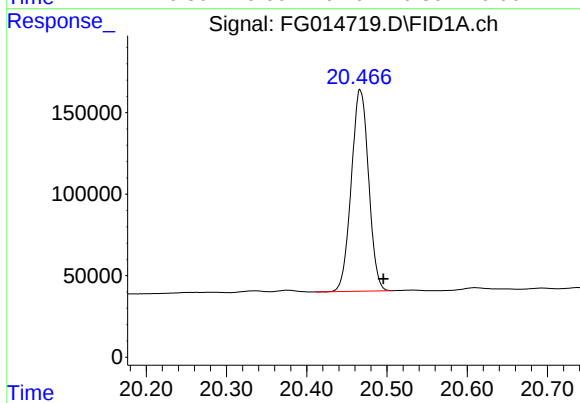
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.033 min
Response: 2565770
Conc: 19.60 ug/ml



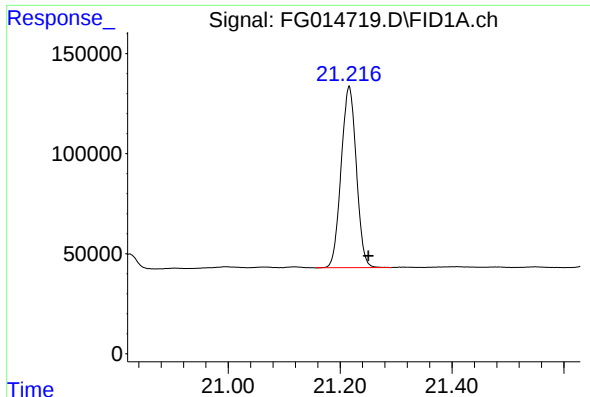
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.032 min
Response: 2198336
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

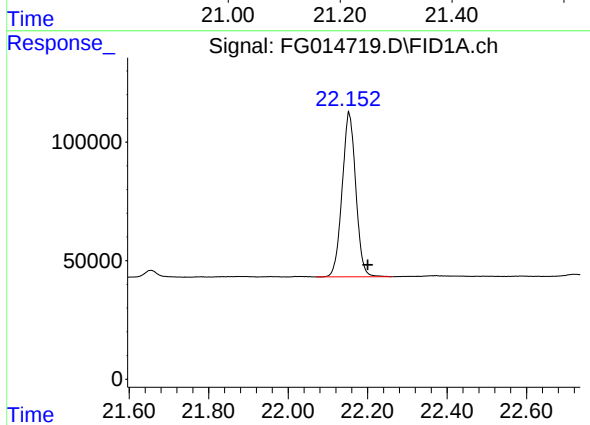
R.T.: 20.467 min
Delta R.T.: -0.029 min
Response: 1851006
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.034 min
Response: 1706494
Conc: 20.43 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.048 min
Response: 1651008
Conc: 21.71 ug/ml