

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014723.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 09:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:49:09 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	3258045	21.257 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	13.390	2471975	20.132 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T n-Nonane (C9)	3.323	2767422	21.384 ug/ml
2) T n-Decane (C10)	4.573	2866661	21.755 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3060192	21.333 ug/ml
4) T n-Dodecane (C12)	6.743	2924418	22.014 ug/ml
5) T A~2-methylnaphthalene...	7.374	2969523	21.286 ug/ml
6) T n-Tetradecane (C14)	8.574	2934738	22.119 ug/ml
7) T n-Hexadecane (C16)	10.186	3053310	21.972 ug/ml
8) T n-Octadecane (C18)	11.633	3103030	21.675 ug/ml
10) T n-Eicosane (C20)	12.945	2993281	21.285 ug/ml
11) T n-Heneicosane (C21)	13.558	2920012	20.862 ug/ml
13) T n-Docosane (C22)	14.145	2950188	20.972 ug/ml
14) T n-Tetracosane (C24)	15.250	3002778	21.102 ug/ml
15) T n-Hexacosane (C26)	16.271	2969014	21.034 ug/ml
16) T n-Octacosane (C28)	17.222	2947057	21.324 ug/ml
17) T n-Tricontane (C30)	18.111	3034181	21.891 ug/ml
18) T n-Dotriacontane (C32)	18.943	2878010	21.982 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2361833	21.101 ug/ml
20) T n-Hexatriacontane (C36)	20.466	1926880	20.702 ug/ml
21) T n-Octatriacontane (C38)	21.215	1691223	20.242 ug/ml
22) T n-Tetracontane (C40)	22.154	1569519	20.640 ug/ml

(f)=RT Delta > 1/2 Window

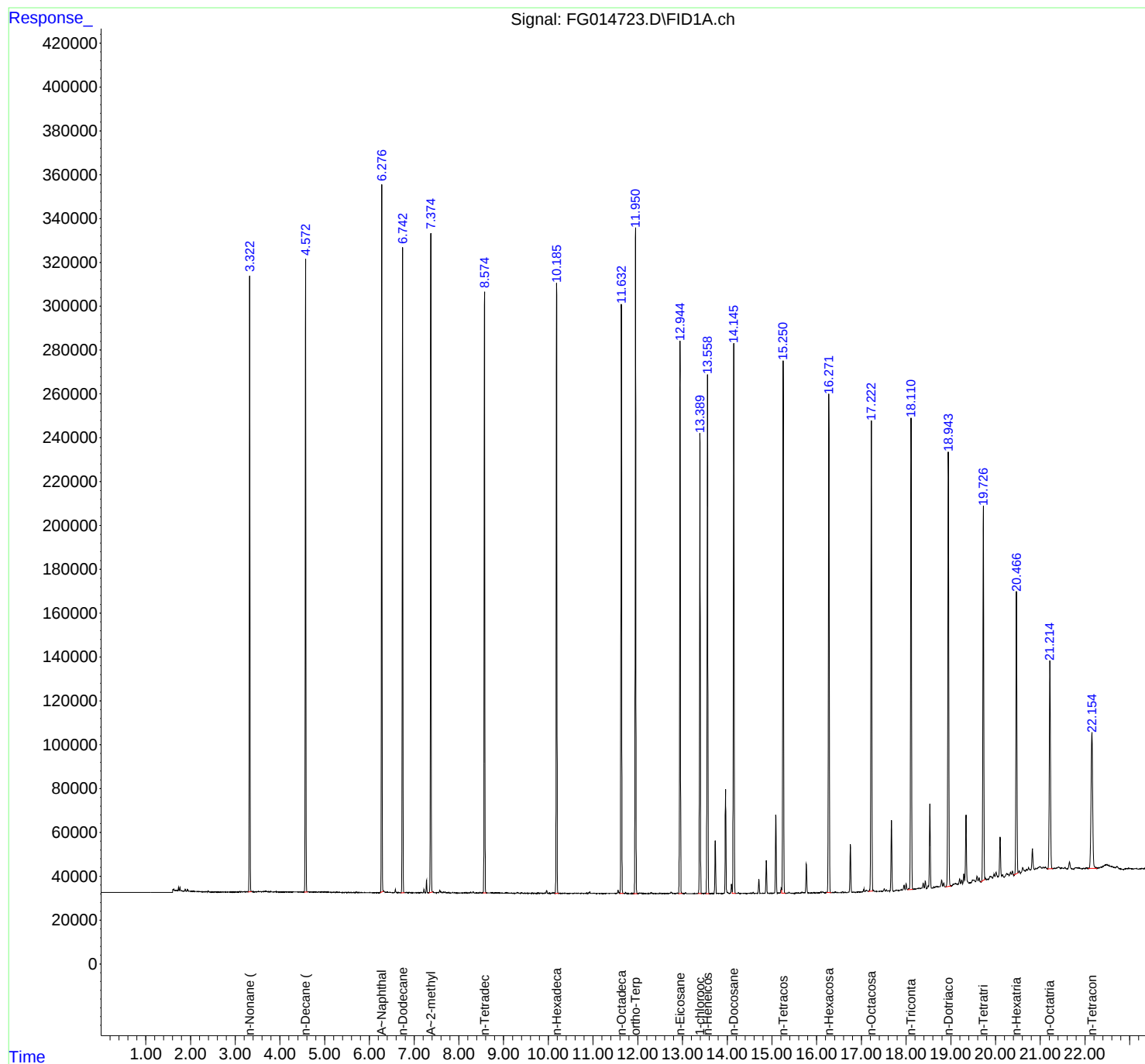
(m)=manual int.

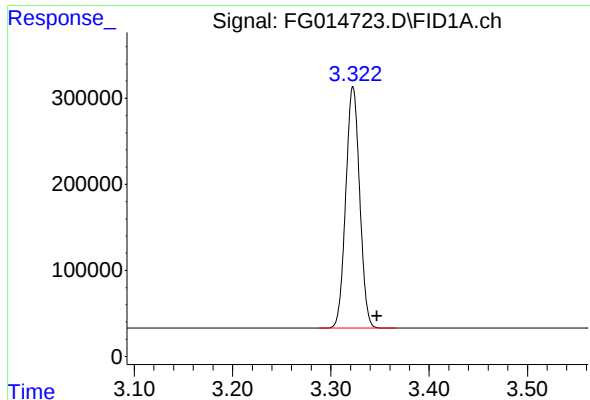
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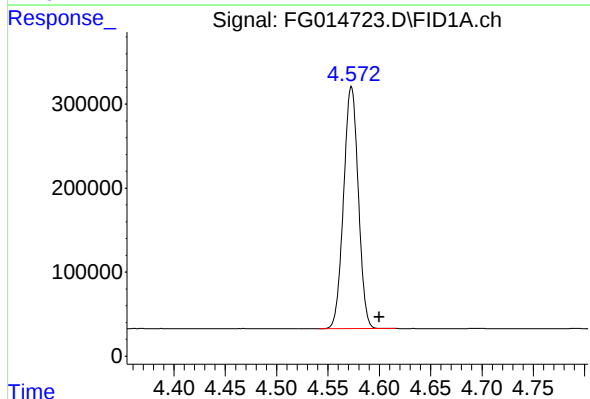




#1 n-Nonane (C9)

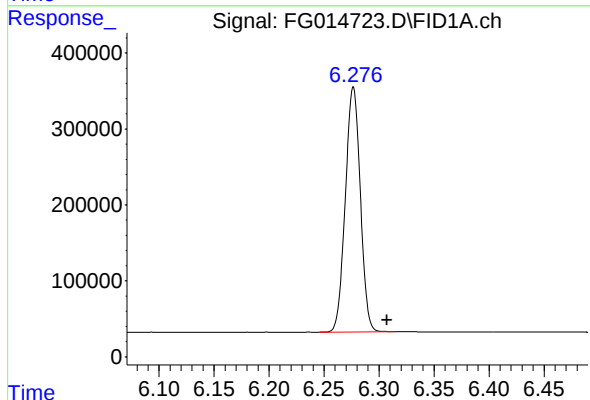
R.T.: 3.323 min
Delta R.T.: -0.024 min
Response: 2767422
Conc: 21.38 ug/ml

Instrument :
FID_D
ClientSampleId :



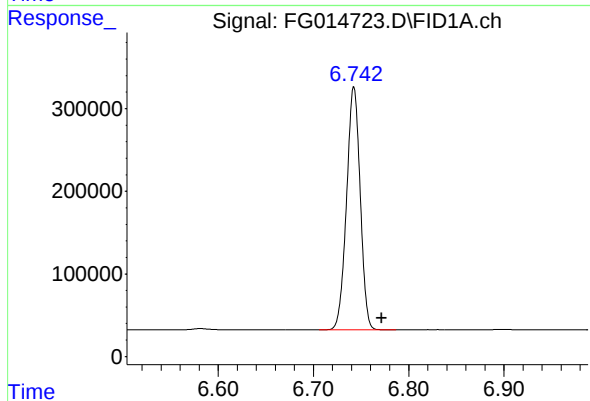
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.027 min
Response: 2866661
Conc: 21.76 ug/ml



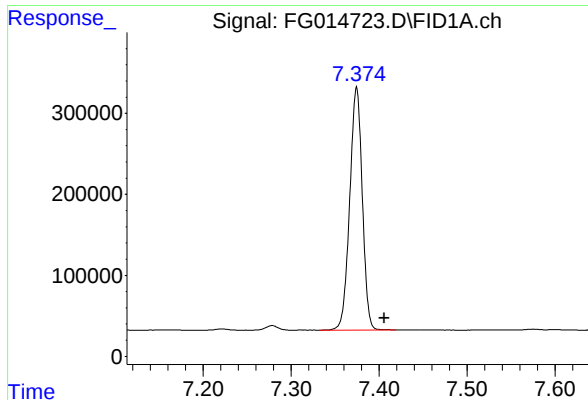
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.030 min
Response: 3060192
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

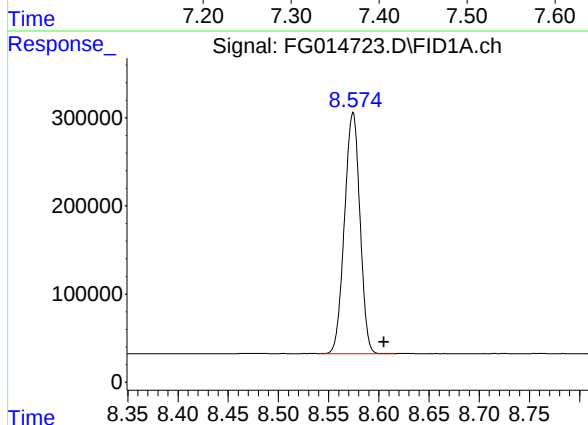
R.T.: 6.743 min
Delta R.T.: -0.029 min
Response: 2924418
Conc: 22.01 ug/ml



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

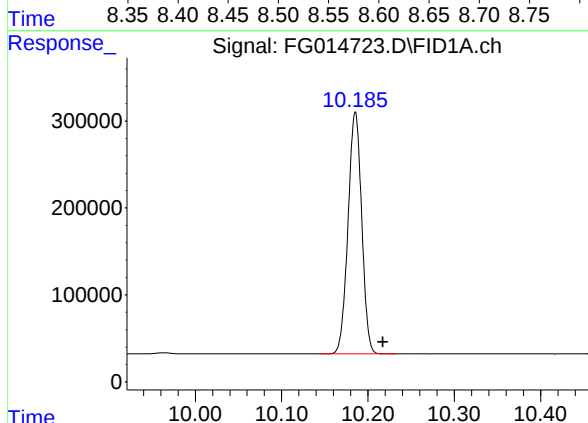
R.T.: 7.374 min
Delta R.T.: -0.032 min
Response: 2969523
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :



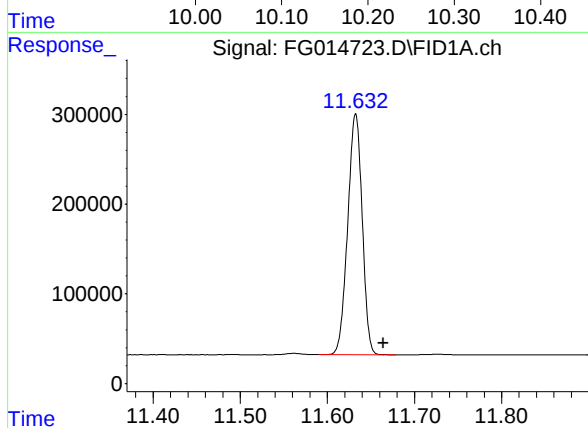
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.031 min
Response: 2934738
Conc: 22.12 ug/ml



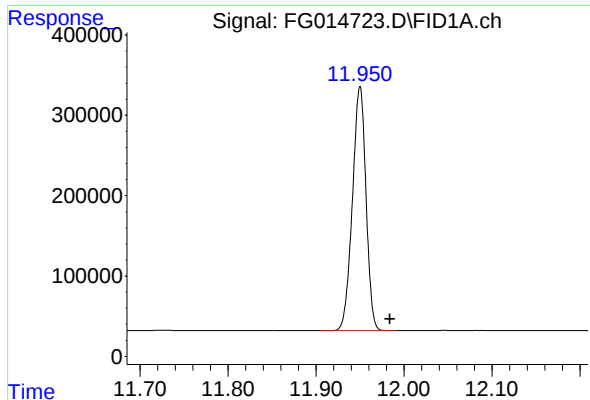
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.032 min
Response: 3053310
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

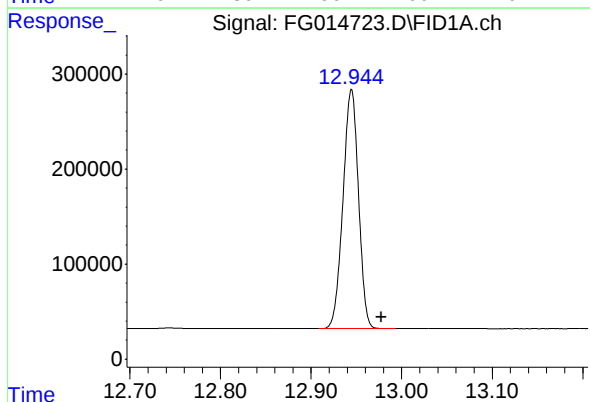
R.T.: 11.633 min
Delta R.T.: -0.032 min
Response: 3103030
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

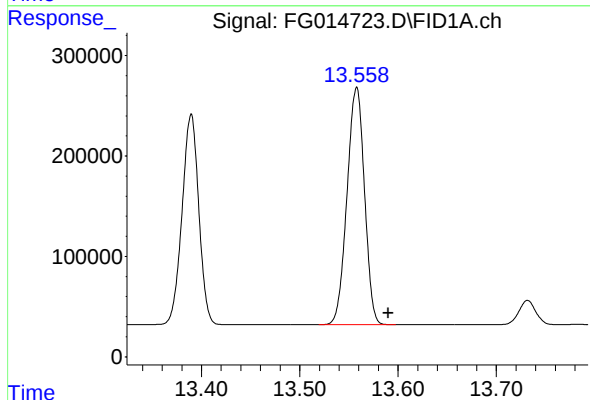
R.T.: 11.950 min
Delta R.T.: -0.034 min
Response: 3258045
Conc: 21.26 ug/ml

Instrument :
FID_D
ClientSampleId :



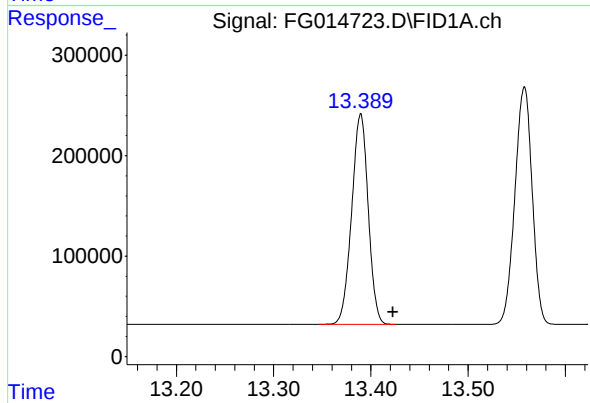
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.033 min
Response: 2993281
Conc: 21.29 ug/ml



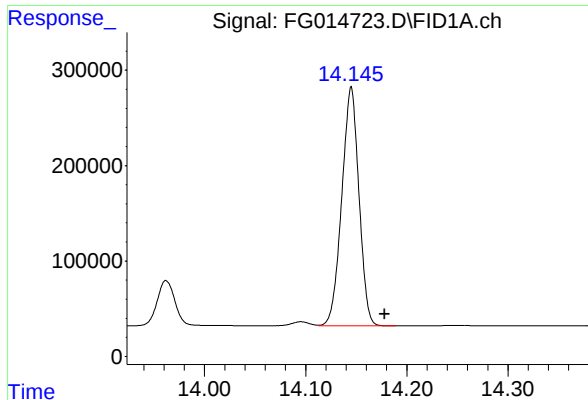
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.032 min
Response: 2920012
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

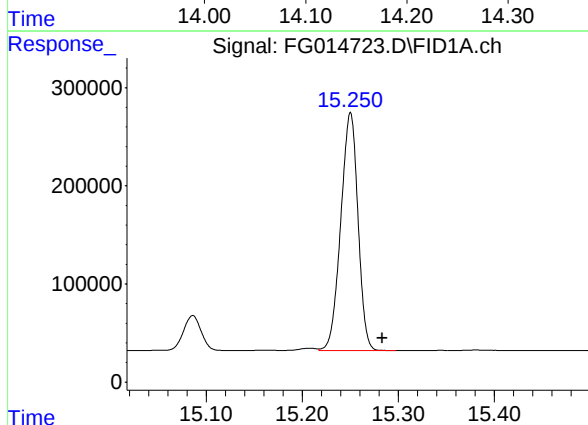
R.T.: 13.390 min
Delta R.T.: -0.033 min
Response: 2471975
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

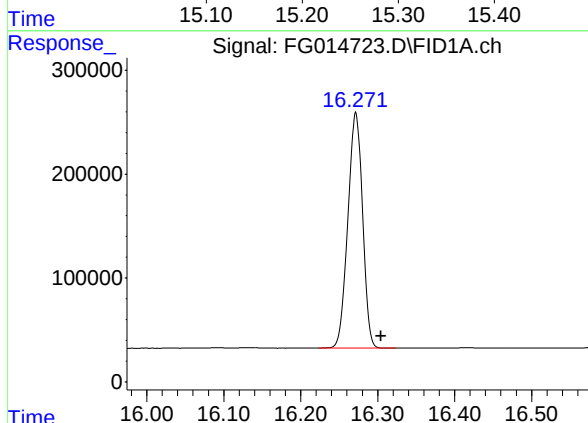
R.T.: 14.145 min
Delta R.T.: -0.033 min
Response: 2950188
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :



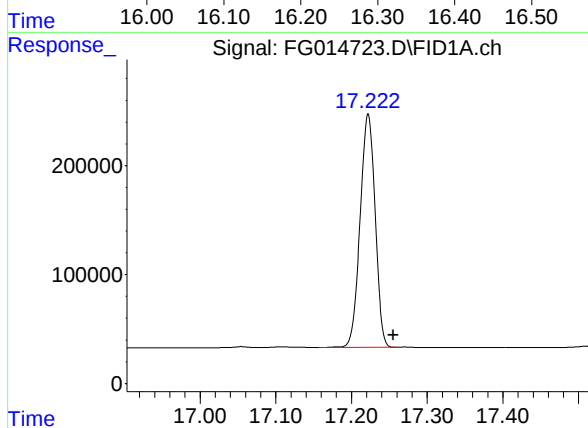
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.033 min
Response: 3002778
Conc: 21.10 ug/ml



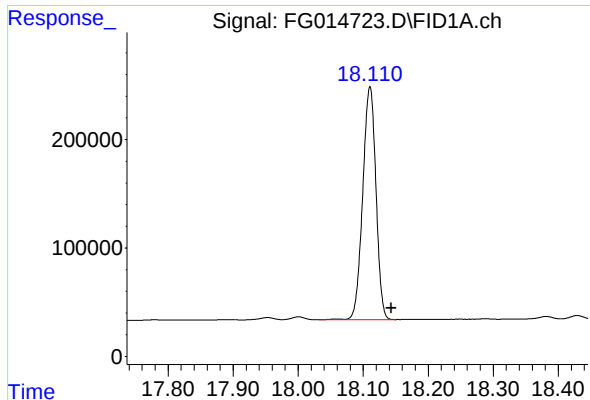
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.033 min
Response: 2969014
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

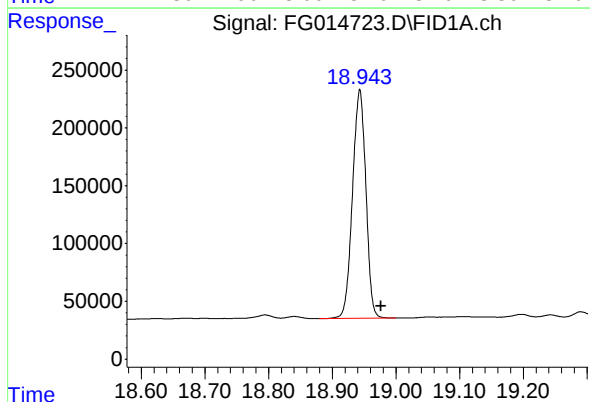
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 2947057
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

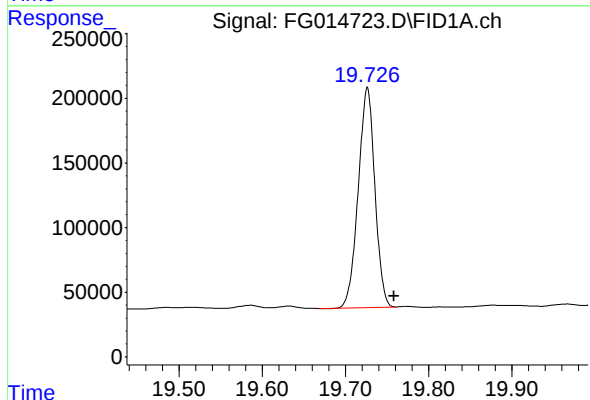
R.T.: 18.111 min
Delta R.T.: -0.033 min
Response: 3034181
Conc: 21.89 ug/ml

Instrument :
FID_D
ClientSampleId :



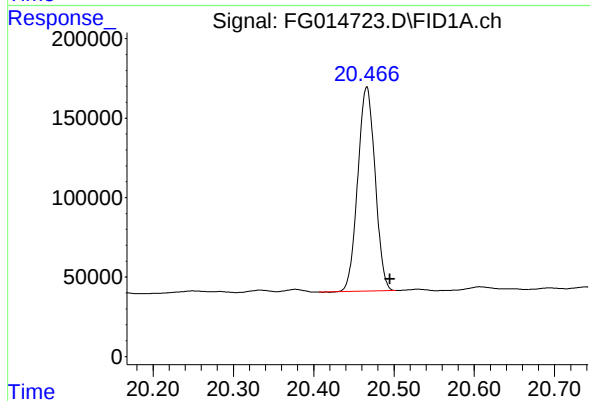
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.033 min
Response: 2878010
Conc: 21.98 ug/ml



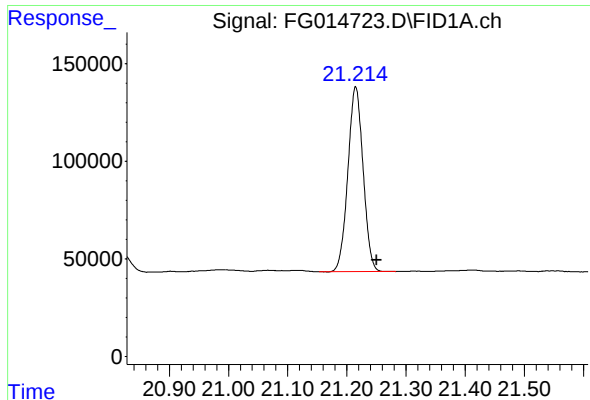
#19 n-Tetatriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.032 min
Response: 2361833
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

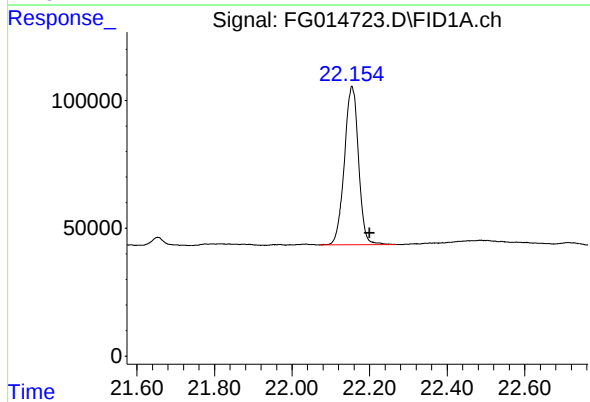
R.T.: 20.466 min
Delta R.T.: -0.029 min
Response: 1926880
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.036 min
Response: 1691223
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.046 min
Response: 1569519
Conc: 20.64 ug/ml