

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111224AL\
 Data File : FGCCC01.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 20:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 13 01:48:44 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)	11.948	3081178	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.387	2406156	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.322	2671359	20.642 ug/ml
2) T n-Decane (C10)	4.572	2753796	20.899 ug/ml
3) T A~Naphthalene (C11.7)	6.276	2969222	20.699 ug/ml
4) T n-Dodecane (C12)	6.742	2795780	21.046 ug/ml
5) T A~2-methylnaphthalene...	7.374	2885294	20.682 ug/ml
6) T n-Tetradecane (C14)	8.573	2793561	21.055 ug/ml
7) T n-Hexadecane (C16)	10.184	2901554	20.880 ug/ml
8) T n-Octadecane (C18)	11.631	2934514	20.498 ug/ml
10) T n-Eicosane (C20)	12.942	2823892	20.081 ug/ml
11) T n-Heneicosane (C21)	13.555	2764913	19.754 ug/ml
13) T n-Docosane (C22)	14.143	2754162	19.579 ug/ml
14) T n-Tetracosane (C24)	15.247	2750348	19.328 ug/ml
15) T n-Hexacosane (C26)	16.269	2662770	18.865 ug/ml
16) T n-Octacosane (C28)	17.219	2615586	18.925 ug/ml
17) T n-Tricontane (C30)	18.107	2699890	19.479 ug/ml
18) T n-Dotriacontane (C32)	18.940	2611863	19.949 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2213241	19.774 ug/ml
20) T n-Hexatriacontane (C36)	20.465	1877776	20.175 ug/ml
21) T n-Octatriacontane (C38)	21.212	1739001	20.814 ug/ml
22) T n-Tetracontane (C40)	22.150f	1696444	22.309 ug/ml

(f)=RT Delta > 1/2 Window

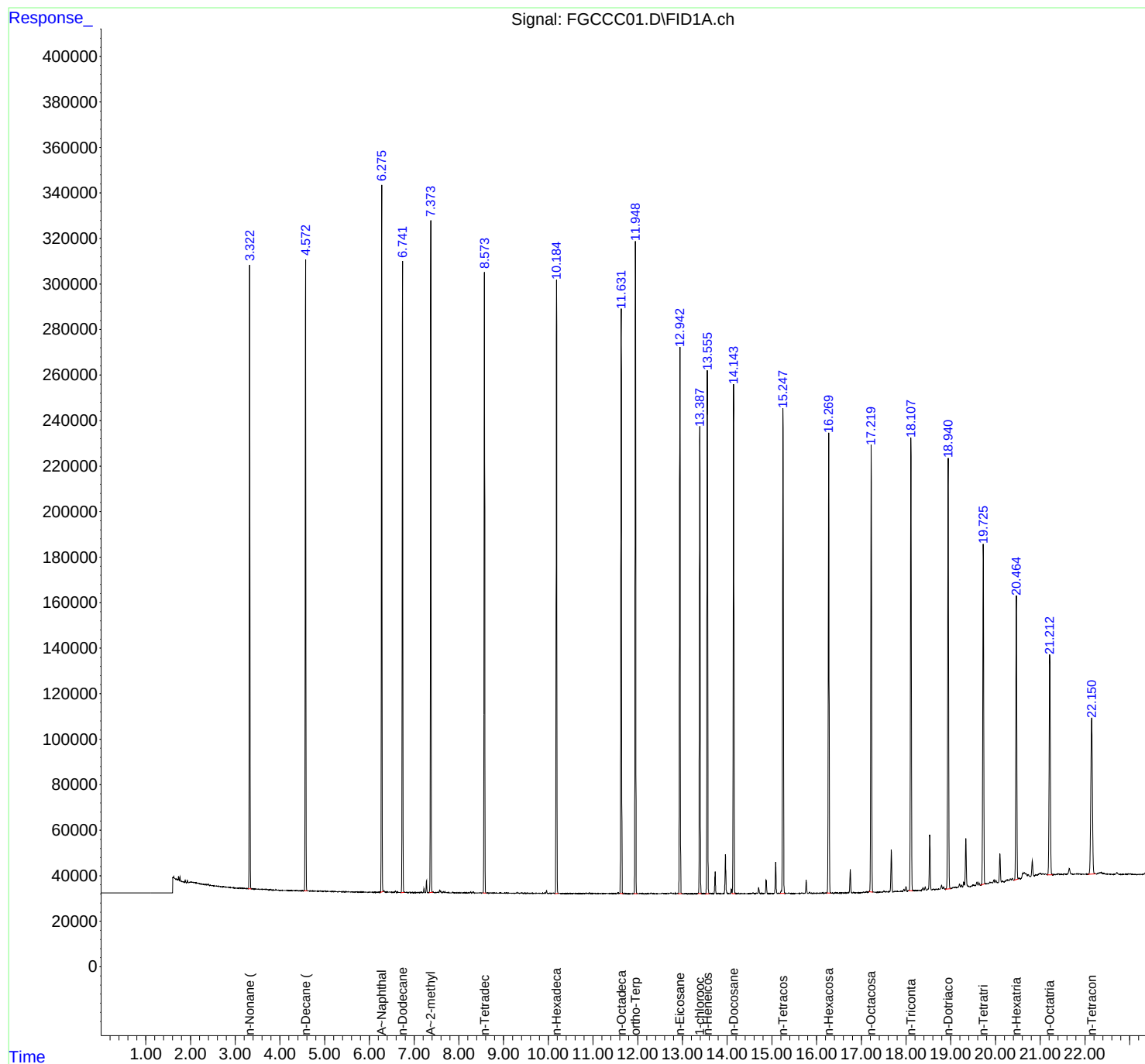
(m)=manual int.

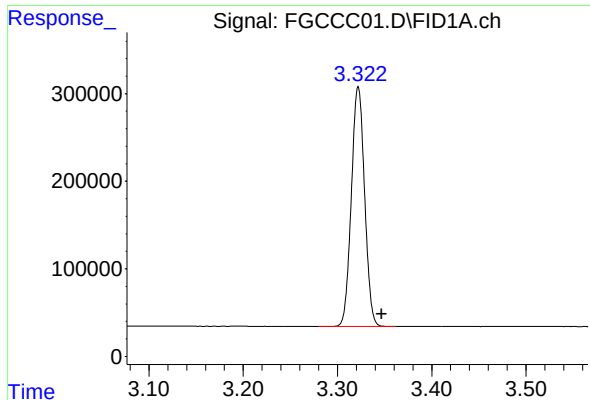
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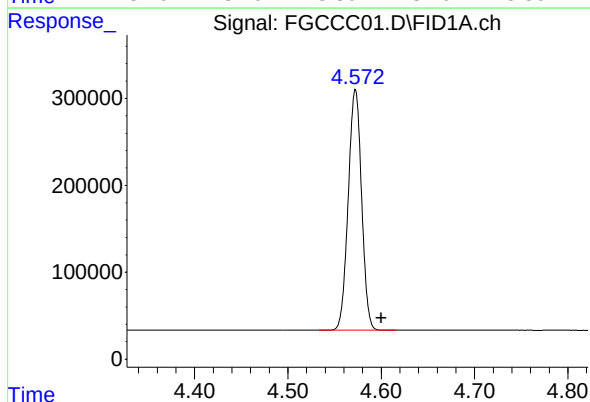




#1 n-Nonane (C9)

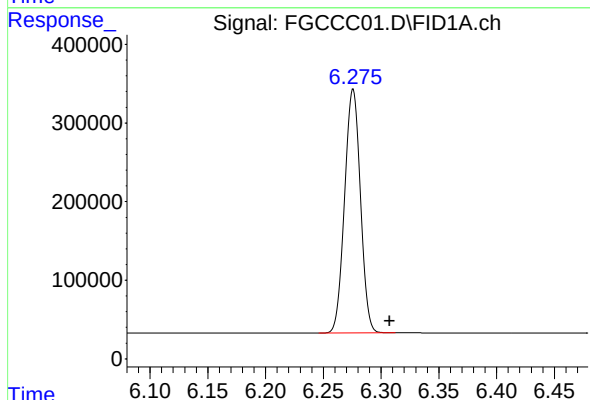
R.T.: 3.322 min
Delta R.T.: -0.025 min
Response: 2671359
Conc: 20.64 ug/ml

Instrument :
FID_G
ClientSampleId :



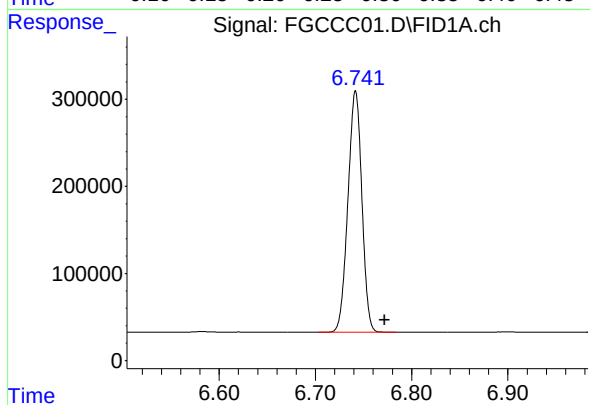
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.028 min
Response: 2753796
Conc: 20.90 ug/ml



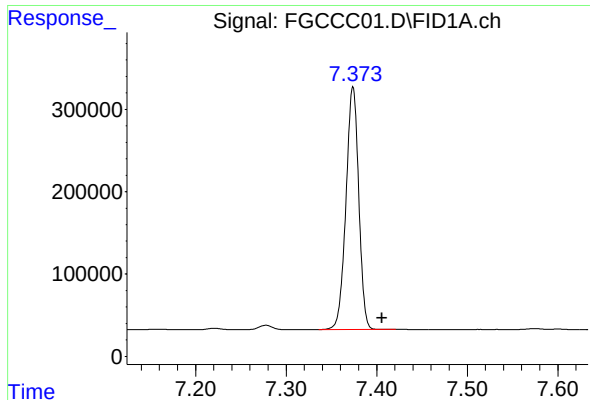
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.031 min
Response: 2969222
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

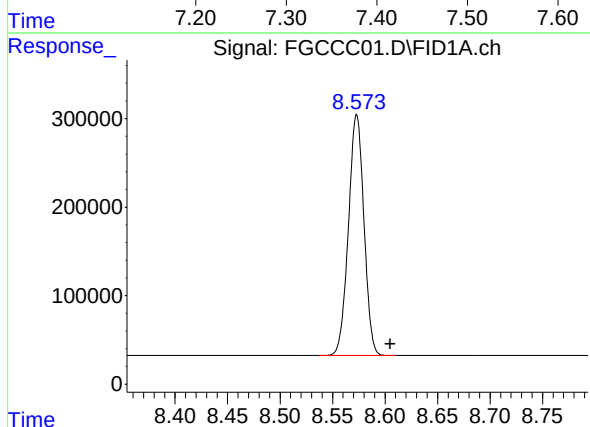
R.T.: 6.742 min
Delta R.T.: -0.030 min
Response: 2795780
Conc: 21.05 ug/ml



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

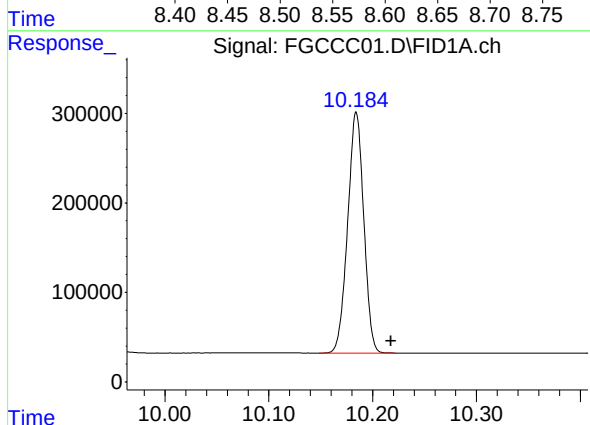
R.T.: 7.374 min
Delta R.T.: -0.032 min
Response: 2885294
Conc: 20.68 ug/ml

Instrument :
FID_G
ClientSampleId :



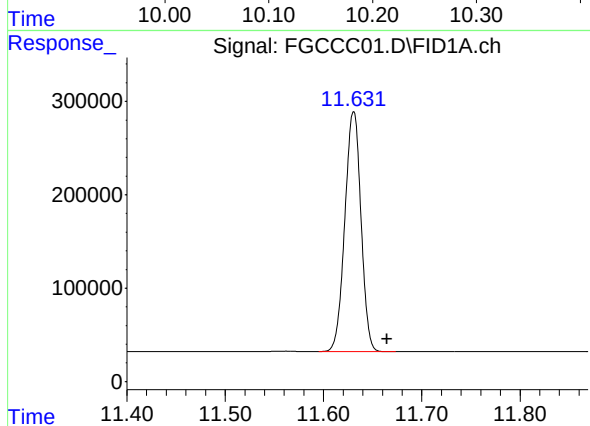
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.032 min
Response: 2793561
Conc: 21.05 ug/ml



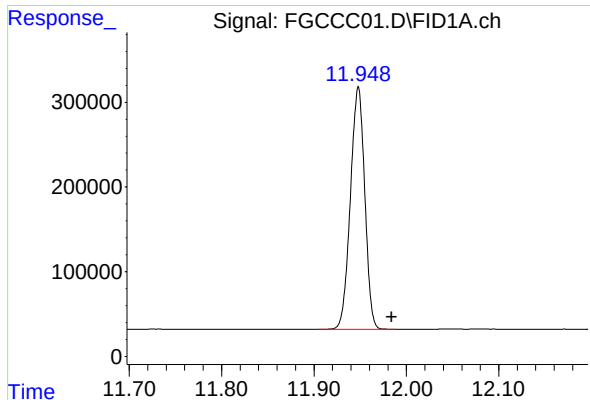
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.033 min
Response: 2901554
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

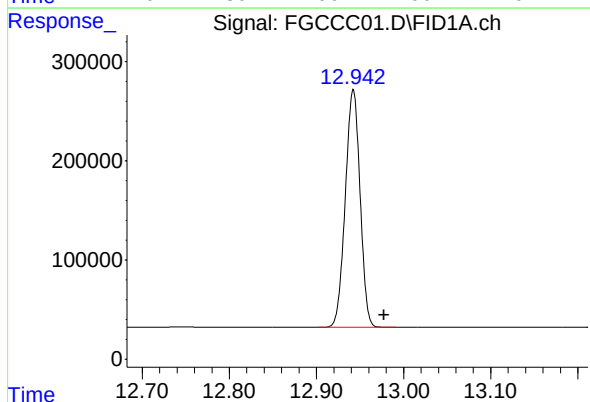
R.T.: 11.631 min
Delta R.T.: -0.034 min
Response: 2934514
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

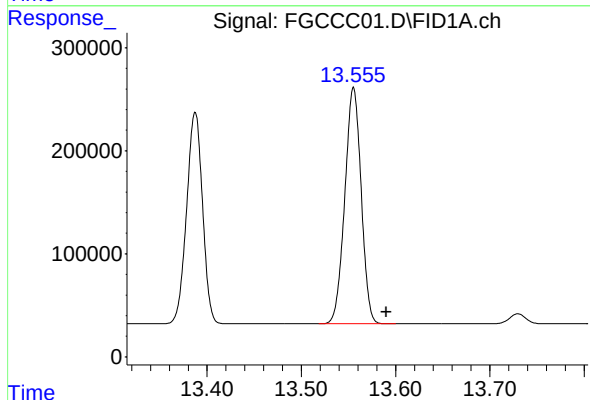
R.T.: 11.948 min
Delta R.T.: -0.036 min
Response: 3081178
Conc: 20.10 ug/ml

Instrument :
FID_G
ClientSampleId :



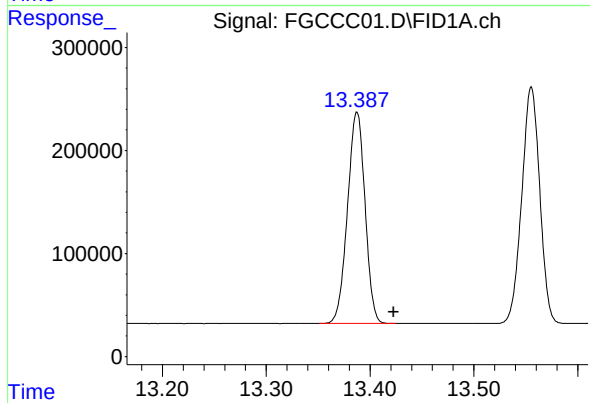
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.035 min
Response: 2823892
Conc: 20.08 ug/ml



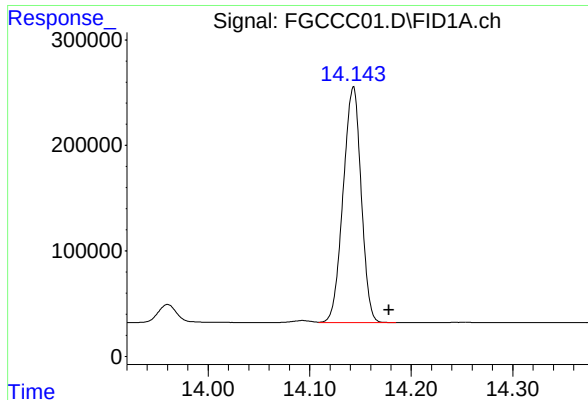
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.035 min
Response: 2764913
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

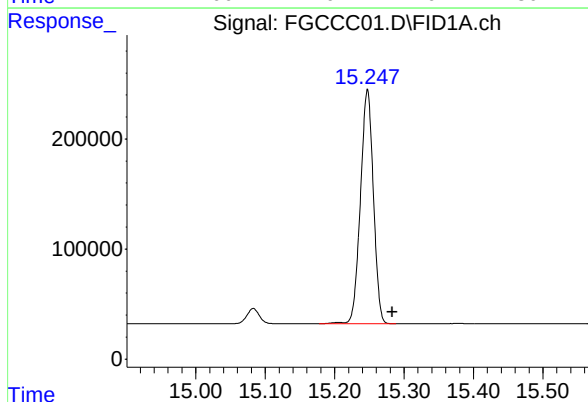
R.T.: 13.387 min
Delta R.T.: -0.035 min
Response: 2406156
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

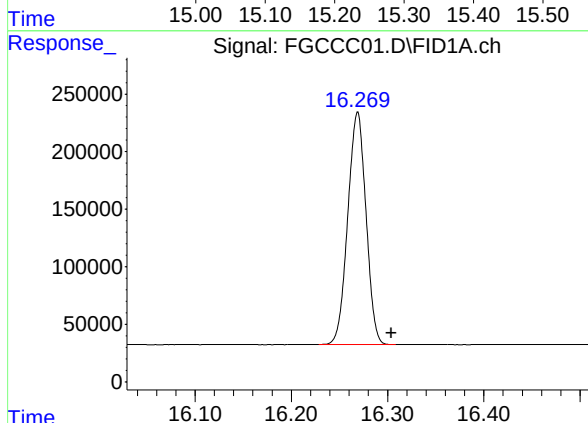
R.T.: 14.143 min
Delta R.T.: -0.035 min
Response: 2754162
Conc: 19.58 ug/ml

Instrument :
FID_G
ClientSampleId :



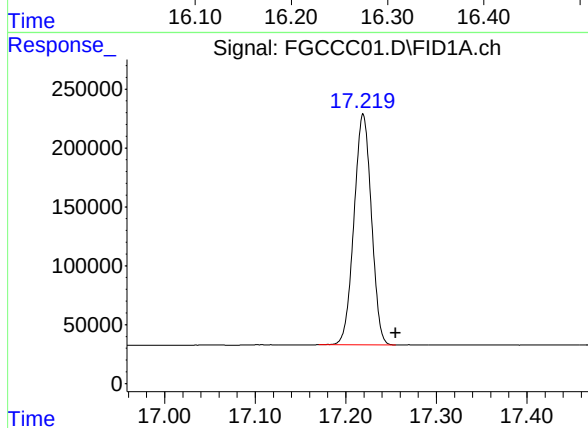
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.036 min
Response: 2750348
Conc: 19.33 ug/ml



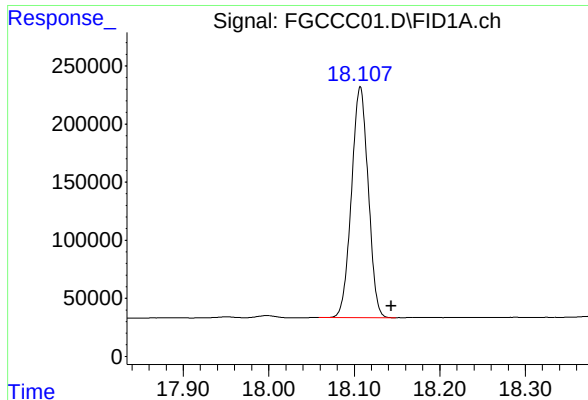
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.035 min
Response: 2662770
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

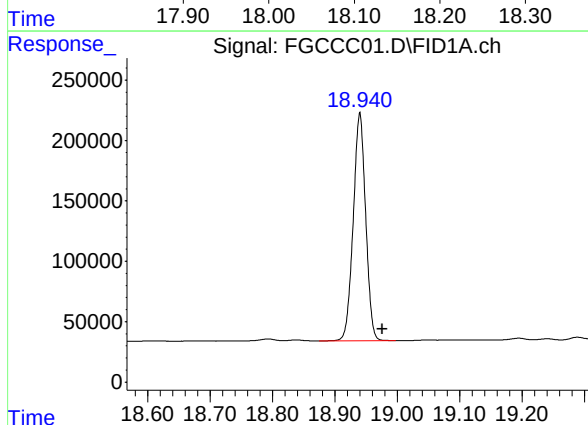
R.T.: 17.219 min
Delta R.T.: -0.036 min
Response: 2615586
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

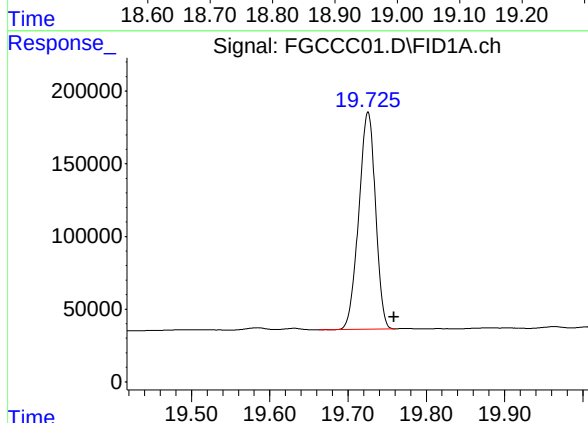
R.T.: 18.107 min
Delta R.T.: -0.036 min
Response: 2699890
Conc: 19.48 ug/ml

Instrument :
FID_G
ClientSampleId :



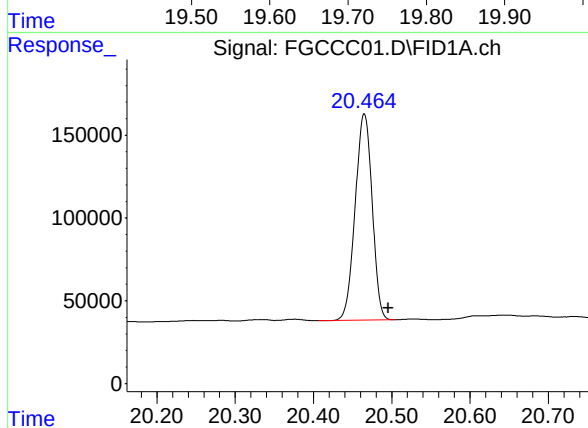
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.036 min
Response: 2611863
Conc: 19.95 ug/ml



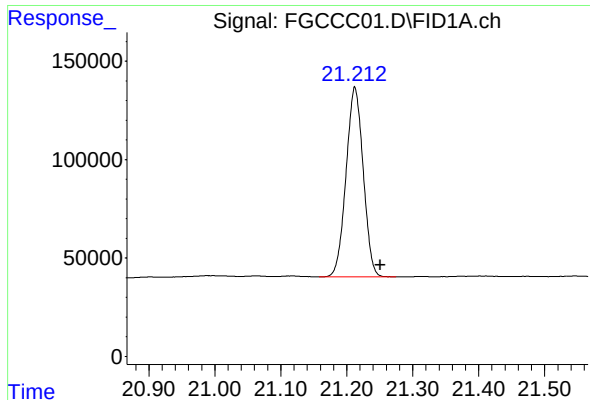
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.033 min
Response: 2213241
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

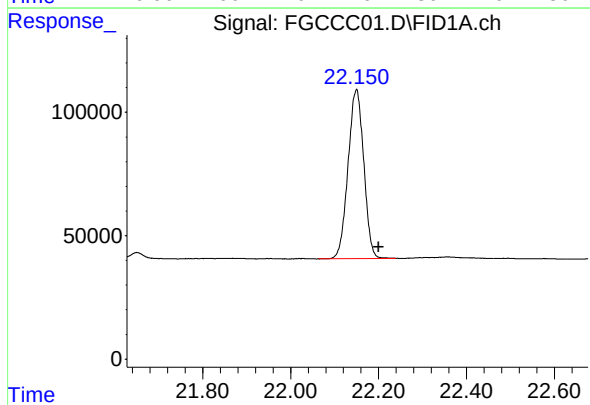
R.T.: 20.465 min
Delta R.T.: -0.030 min
Response: 1877776
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.038 min
Response: 1739001
Conc: 20.81 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: -0.050 min
Response: 1696444
Conc: 22.31 ug/ml