

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012662.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 12:40
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 10 13:12:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 12:45:52 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)	11.980	1362185	10.192 ug/ml
Spiked Amount 50.000		Recovery =	20.38%
12) S 1-chlorooctadecane (S...	13.421	1048329	10.130 ug/ml
Spiked Amount 50.000		Recovery =	20.26%
Target Compounds			
1) T n-Nonane (C9)	3.345	1047165	10.148 ug/ml
2) T n-Decane (C10)	4.597	1066818	10.217 ug/ml
3) T A~Naphthalene (C11.7)	6.303	1159465	10.225 ug/ml
4) T n-Dodecane (C12)	6.769	1086199	10.237 ug/ml
5) T A~2-methylnaphthalene...	7.401	1162041	10.217 ug/ml
6) T n-Tetradecane (C14)	8.601	1091827	10.239 ug/ml
7) T n-Hexadecane (C16)	10.214	1103570	10.224 ug/ml
8) T n-Octadecane (C18)	11.662	1115920	10.193 ug/ml
10) T n-Eicosane (C20)	12.975	1113561	10.166 ug/ml
11) T n-Heneicosane (C21)	13.589	1114055	10.162 ug/ml
13) T n-Docosane (C22)	14.178	1104738	10.150 ug/ml
14) T n-Tetracosane (C24)	15.283	1087935	10.133 ug/ml
15) T n-Hexacosane (C26)	16.306	1058869	10.122 ug/ml
16) T n-Octacosane (C28)	17.258	1023409	10.164 ug/ml
17) T n-Tricontane (C30)	18.146	1006243	10.154 ug/ml
18) T n-Dotriacontane (C32)	18.979	993320	10.061 ug/ml
19) T n-Tetratriacontane (C34)	19.763	929079	10.114 ug/ml
20) T n-Hexatriacontane (C36)	20.503	888283	9.877 ug/ml
21) T n-Octatriacontane (C38)	21.260	851418	9.951 ug/ml
22) T n-Tetracontane (C40)	22.210	797499	9.719 ug/ml

(f)=RT Delta > 1/2 Window

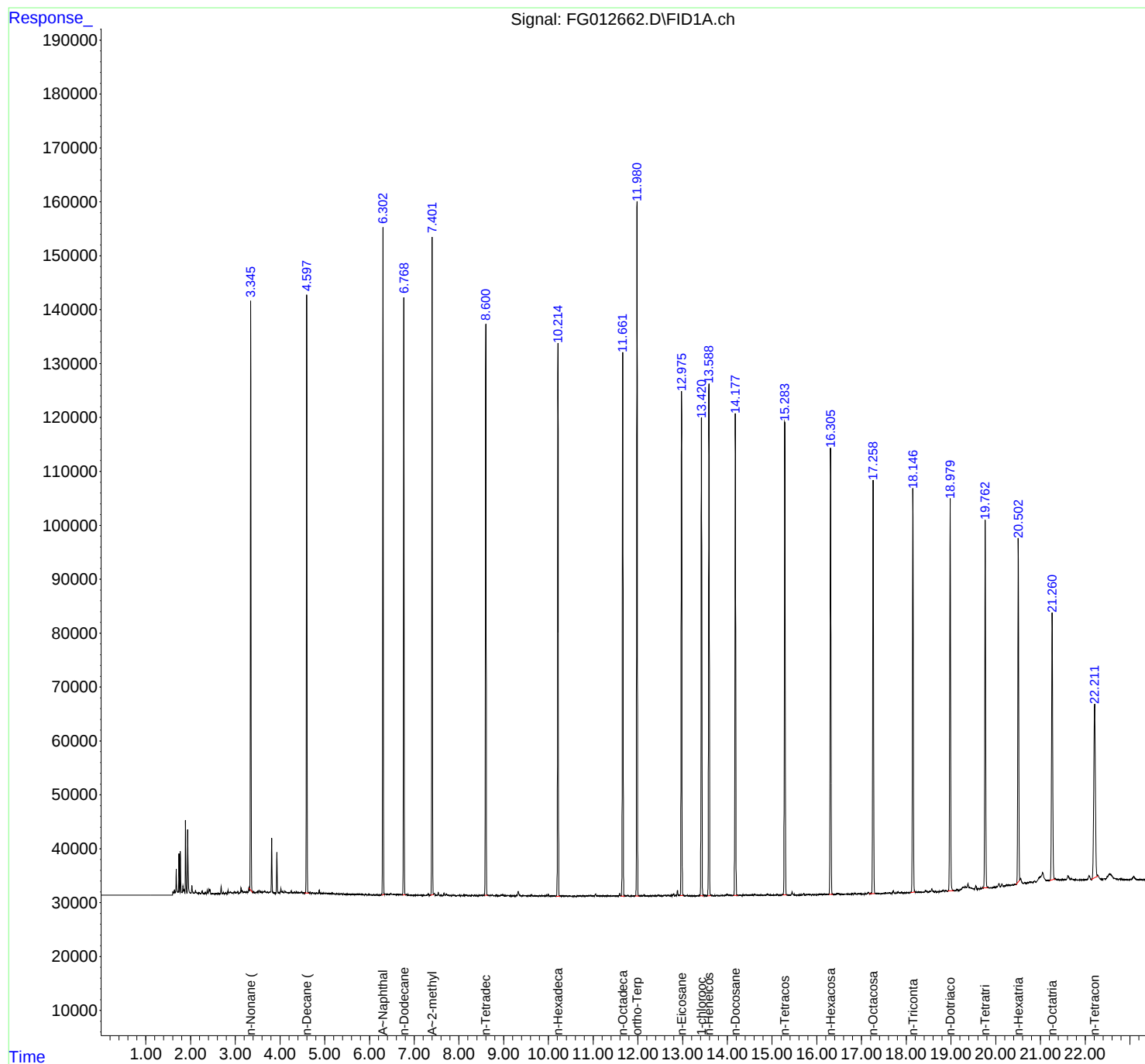
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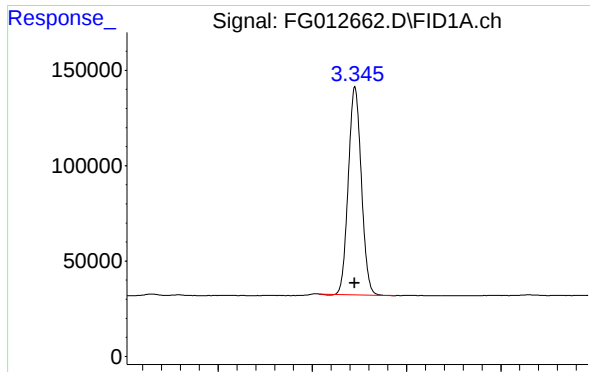
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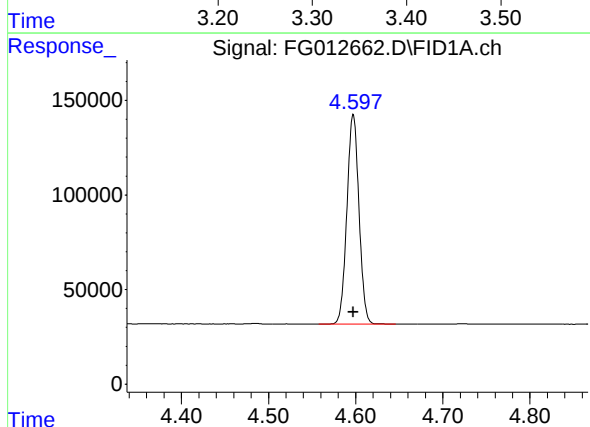




#1 n-Nonane (C9)

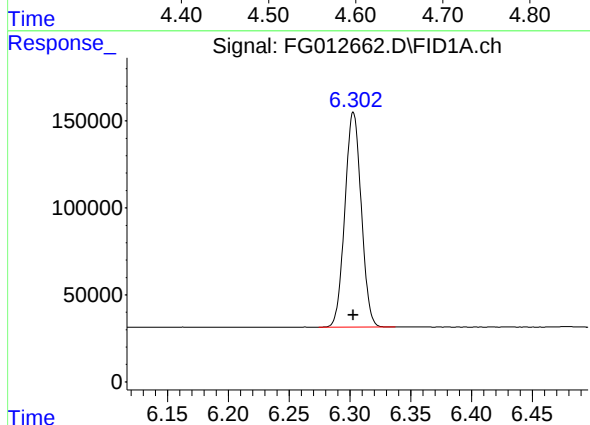
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 1047165
Conc: 10.15 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



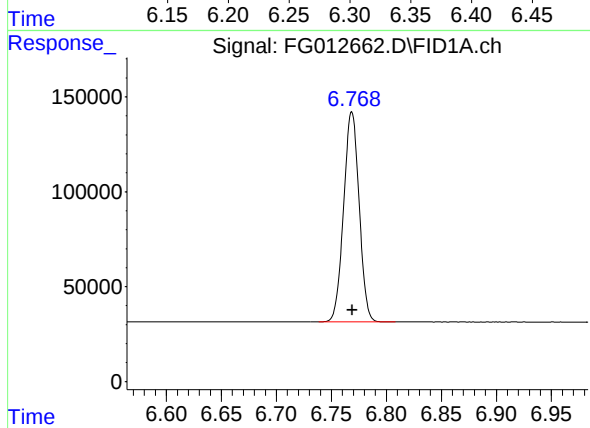
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1066818
Conc: 10.22 ug/ml



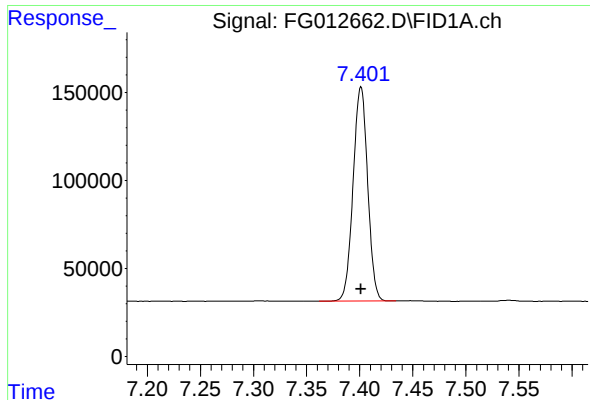
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 1159465
Conc: 10.23 ug/ml



#4 n-Dodecane (C12)

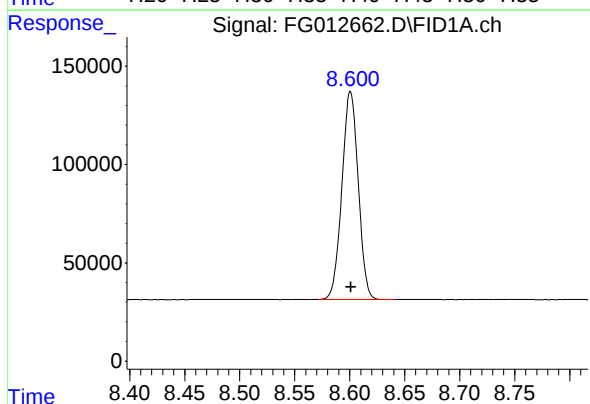
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 1086199
Conc: 10.24 ug/ml



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

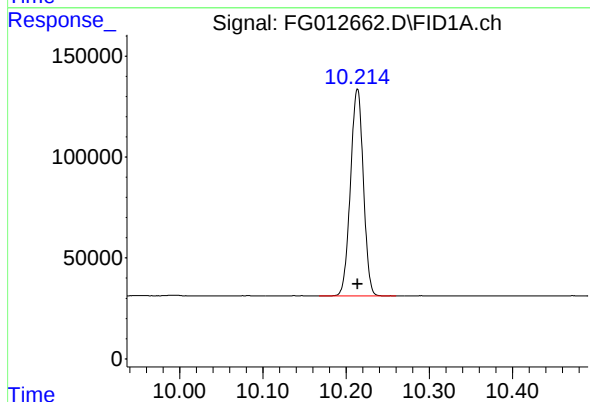
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1162041
Conc: 10.22 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



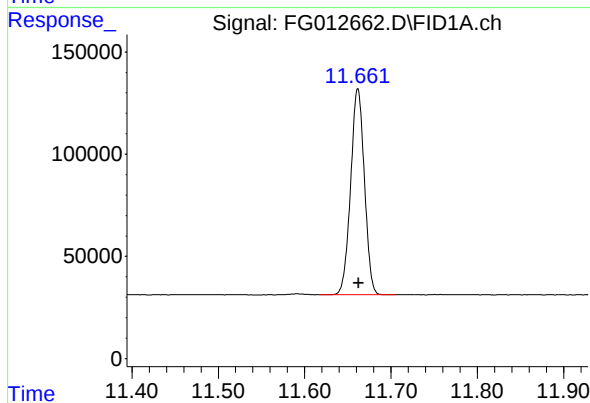
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 1091827
Conc: 10.24 ug/ml



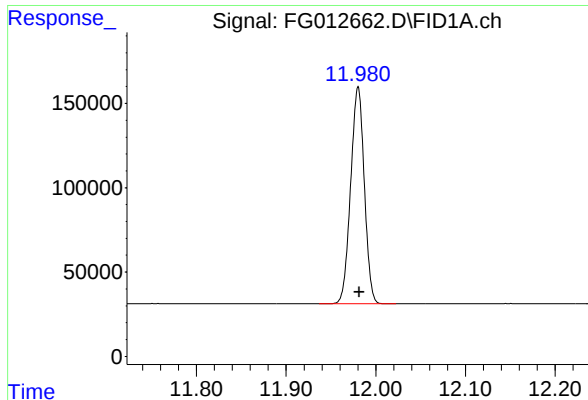
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 1103570
Conc: 10.22 ug/ml



#8 n-Octadecane (C18)

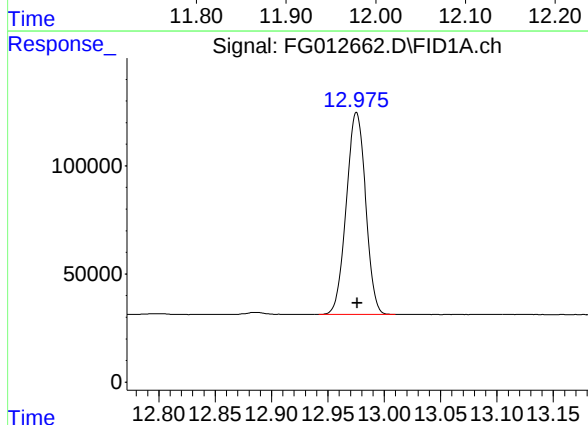
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 1115920
Conc: 10.19 ug/ml



#9 ortho-Terphenyl (SURR)

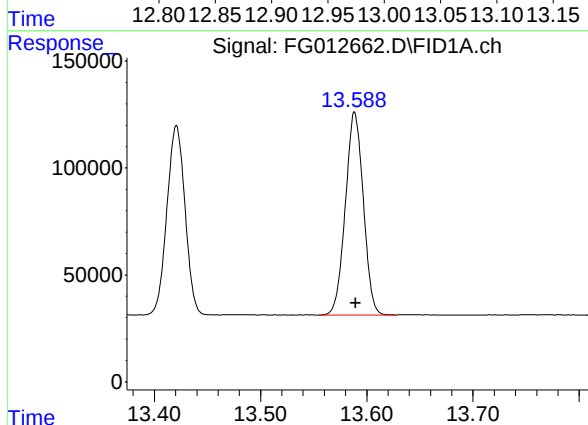
R.T.: 11.980 min
Delta R.T.: -0.001 min
Response: 1362185
Conc: 10.19 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



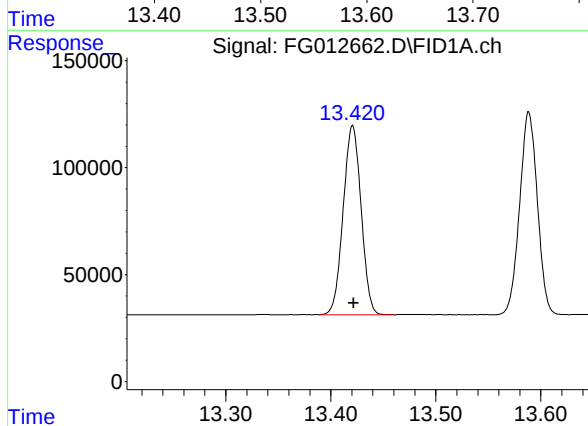
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 1113561
Conc: 10.17 ug/ml



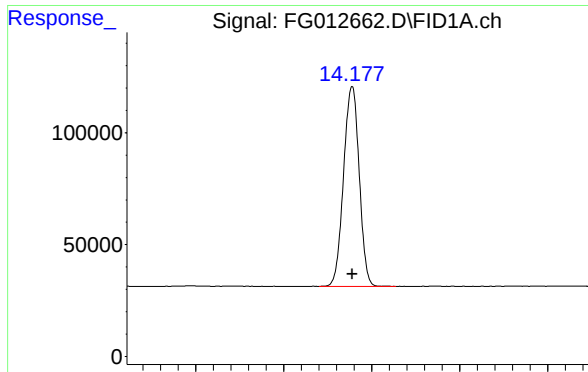
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: -0.001 min
Response: 1114055
Conc: 10.16 ug/ml



#12 1-chlorooctadecane (SURR)

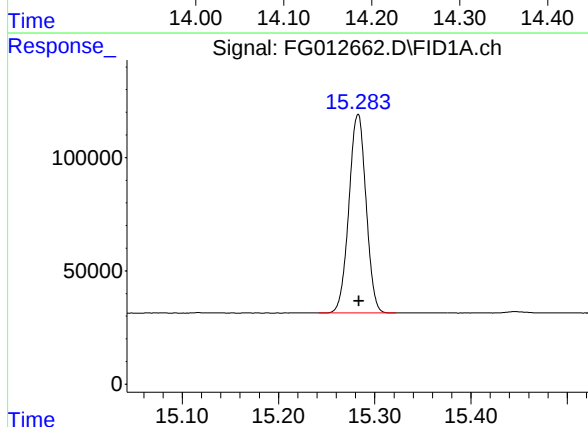
R.T.: 13.421 min
Delta R.T.: -0.001 min
Response: 1048329
Conc: 10.13 ug/ml



#13 n-Docosane (C22)

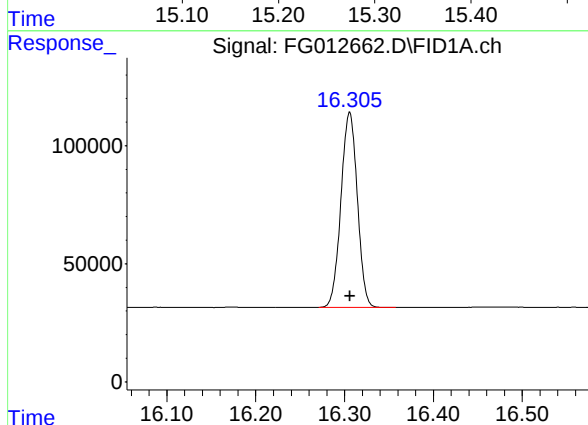
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 1104738
Conc: 10.15 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



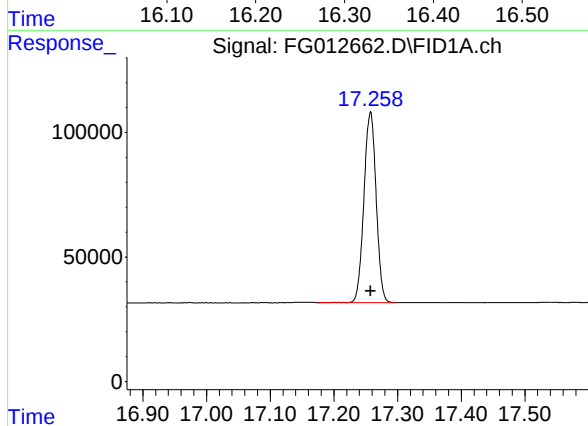
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: -0.001 min
Response: 1087935
Conc: 10.13 ug/ml



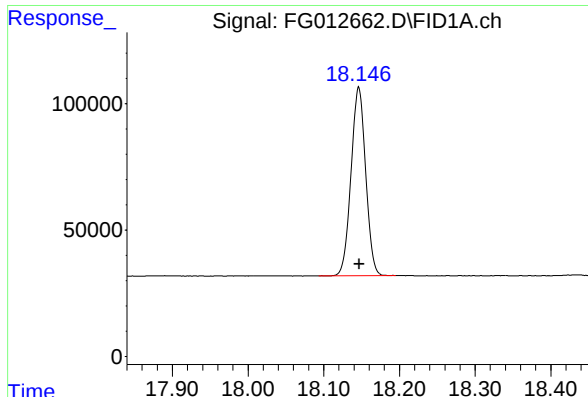
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 1058869
Conc: 10.12 ug/ml



#16 n-Octacosane (C28)

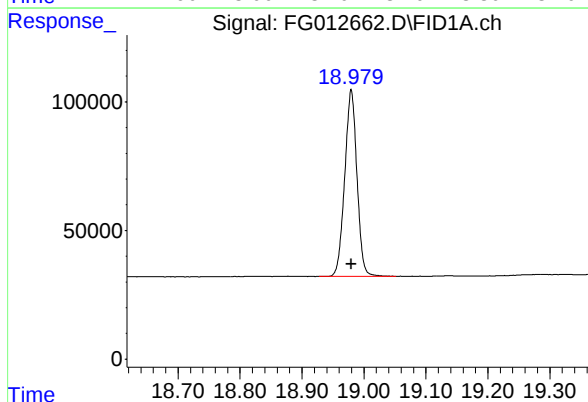
R.T.: 17.258 min
Delta R.T.: 0.000 min
Response: 1023409
Conc: 10.16 ug/ml



#17 n-Tricontane (C30)

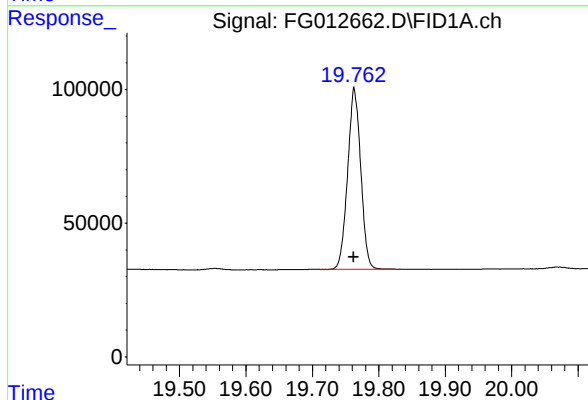
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 1006243
Conc: 10.15 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



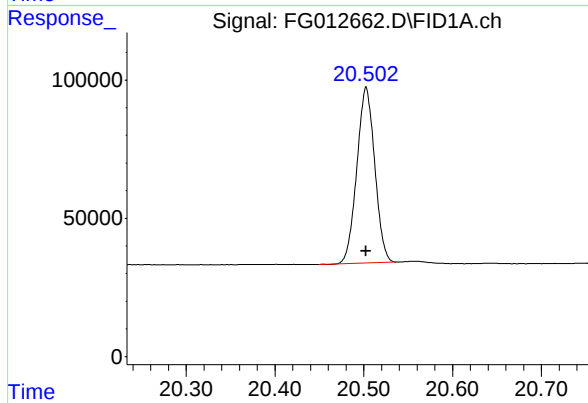
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 993320
Conc: 10.06 ug/ml



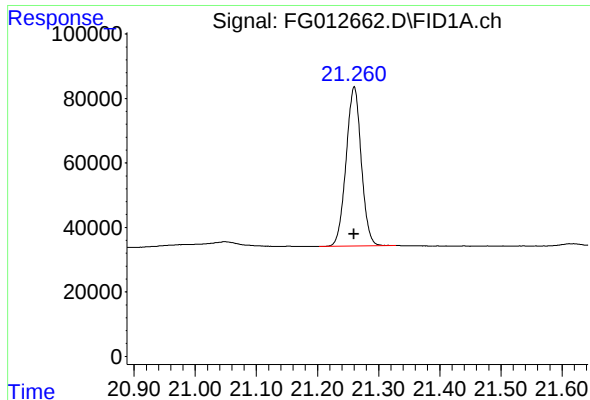
#19 n-Tetatriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 929079
Conc: 10.11 ug/ml



#20 n-Hexatriacontane (C36)

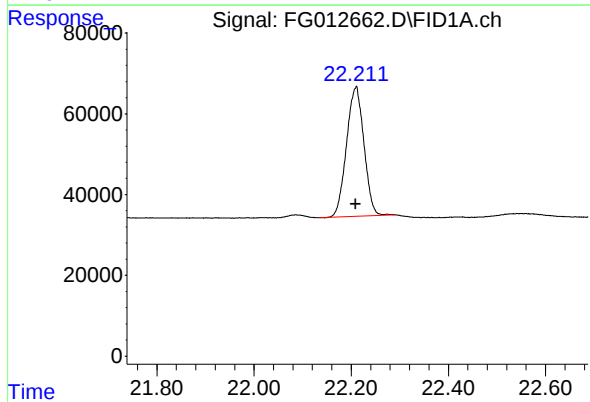
R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 888283
Conc: 9.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 851418
Conc: 9.95 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.210 min
Delta R.T.: 0.001 min
Response: 797499
Conc: 9.72 ug/ml