

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014785.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 16:09
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 14 16:32:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 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)	11.944	760995	5.157 ug/ml
Spiked Amount 50.000		Recovery =	10.31%
12) S 1-chlorooctadecane (S...	13.384	564494	5.080 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
Target Compounds			
1) T n-Nonane (C9)	3.321	712930	5.251 ug/ml
2) T n-Decane (C10)	4.570	726917	5.242 ug/ml
3) T A~Naphthalene (C11.7)	6.274	773521	5.214 ug/ml
4) T n-Dodecane (C12)	6.739	732894	5.229 ug/ml
5) T A~2-methylnaphthalene...	7.371	739819	5.183 ug/ml
6) T n-Tetradecane (C14)	8.571	721550	5.205 ug/ml
7) T n-Hexadecane (C16)	10.181	734151	5.181 ug/ml
8) T n-Octadecane (C18)	11.627	727935	5.172 ug/ml
10) T n-Eicosane (C20)	12.939	682898	5.147 ug/ml
11) T n-Heneicosane (C21)	13.552	670531	5.165 ug/ml
13) T n-Docosane (C22)	14.140	657075	5.153 ug/ml
14) T n-Tetracosane (C24)	15.244	651417	5.212 ug/ml
15) T n-Hexacosane (C26)	16.265	649397	5.338 ug/ml
16) T n-Octacosane (C28)	17.216	660836	5.508 ug/ml
17) T n-Tricontane (C30)	18.104	724645	5.779 ug/ml
18) T n-Dotriacontane (C32)	18.936	747307	6.000 ug/ml
19) T n-Tetratriacontane (C34)	19.722	635279	5.881 ug/ml
20) T n-Hexatriacontane (C36)	20.461	528474	5.709 ug/ml
21) T n-Octatriacontane (C38)	21.209	483395	5.518 ug/ml
22) T n-Tetracontane (C40)	22.146	439041	5.227 ug/ml

(f)=RT Delta > 1/2 Window

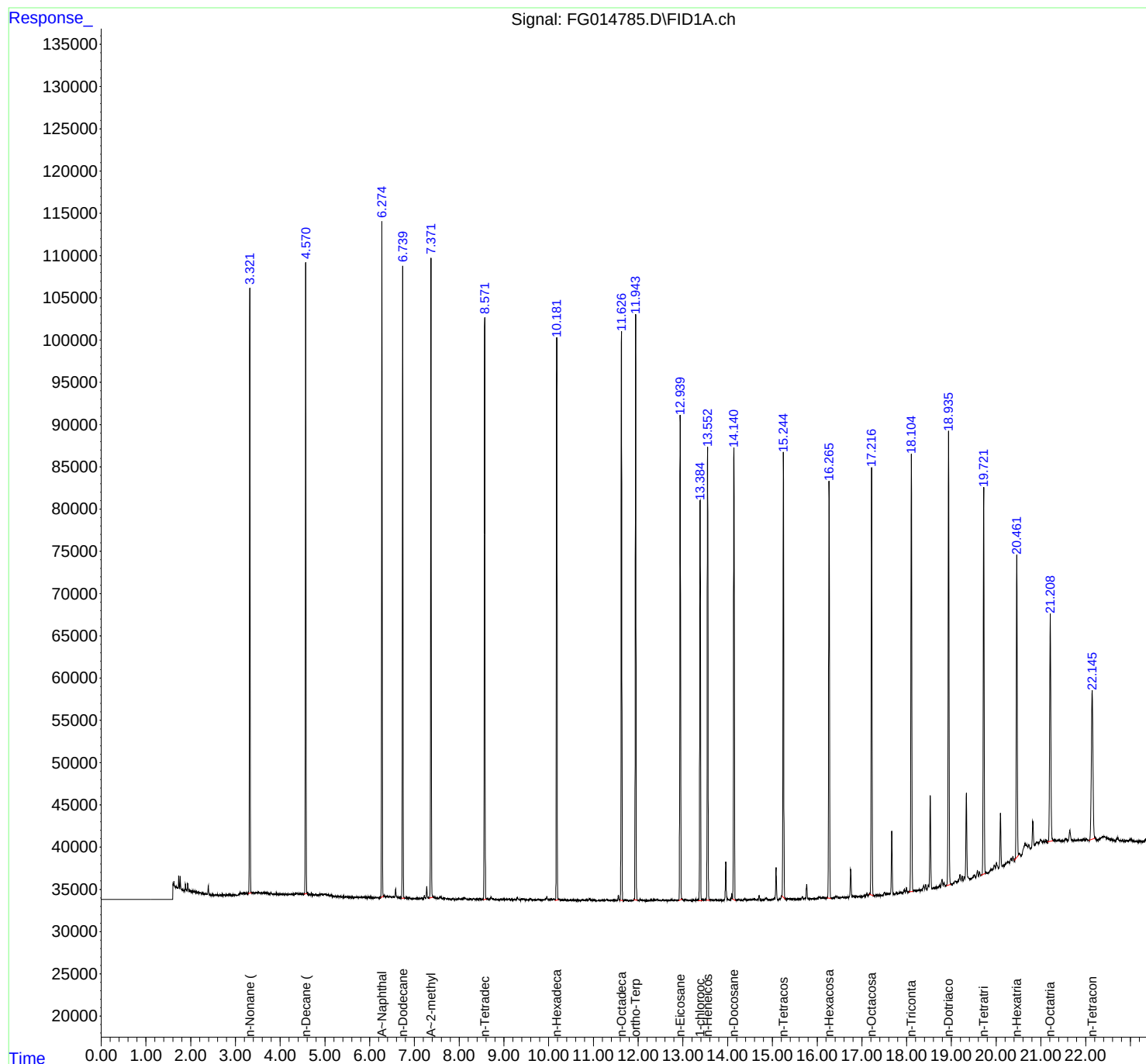
(m)=manual int.

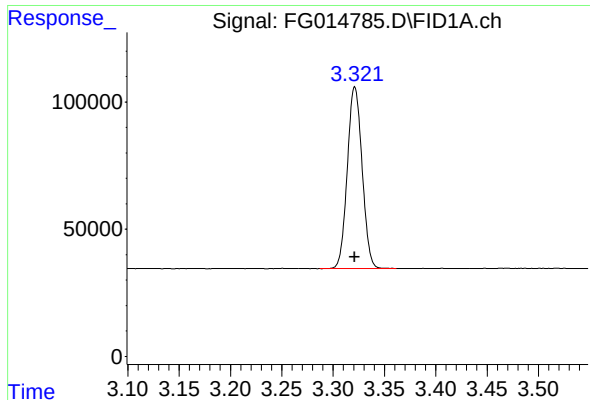
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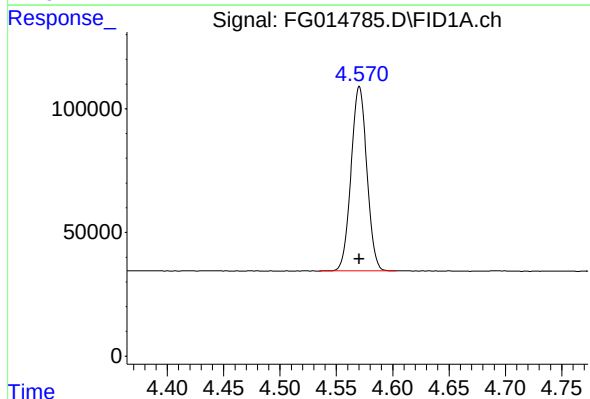




#1 n-Nonane (C9)

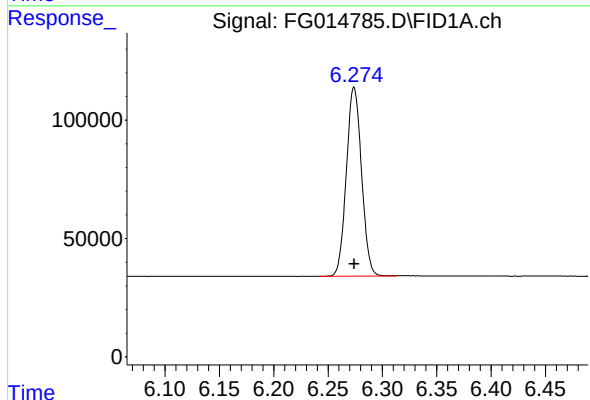
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 712930
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



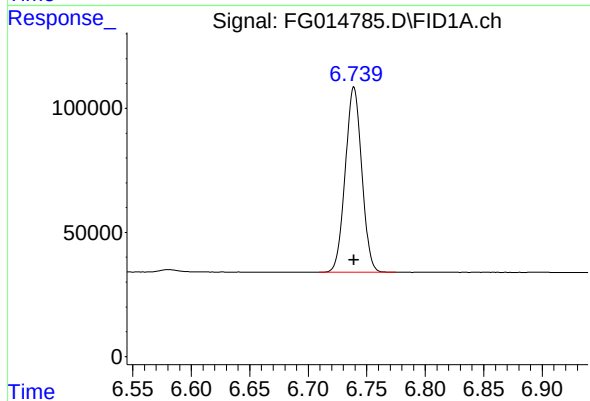
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 726917
Conc: 5.24 ug/ml



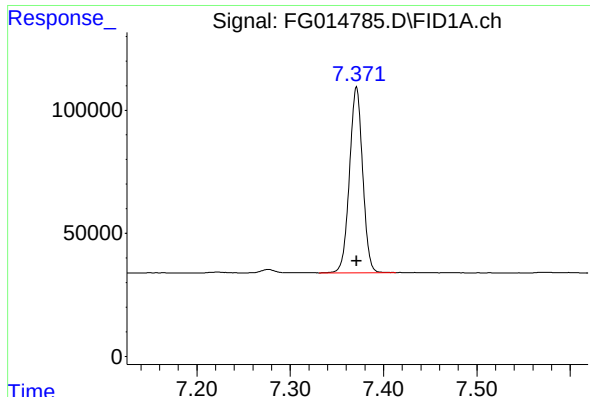
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 773521
Conc: 5.21 ug/ml



#4 n-Dodecane (C12)

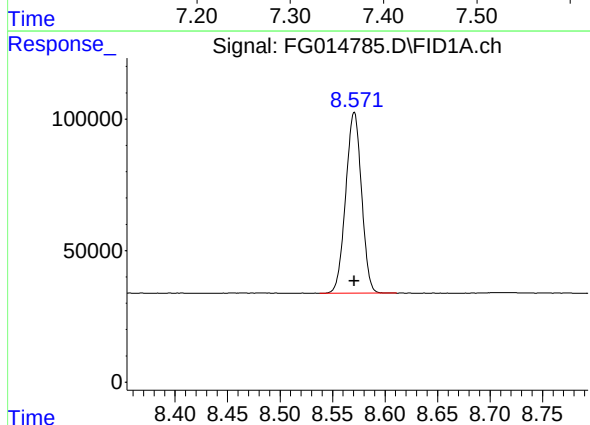
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 732894
Conc: 5.23 ug/ml



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

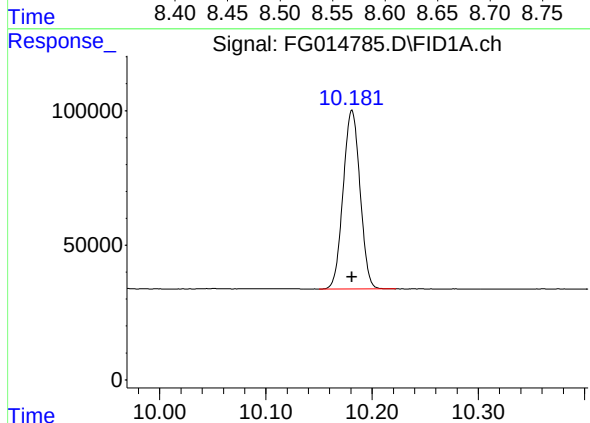
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 739819
Conc: 5.18 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



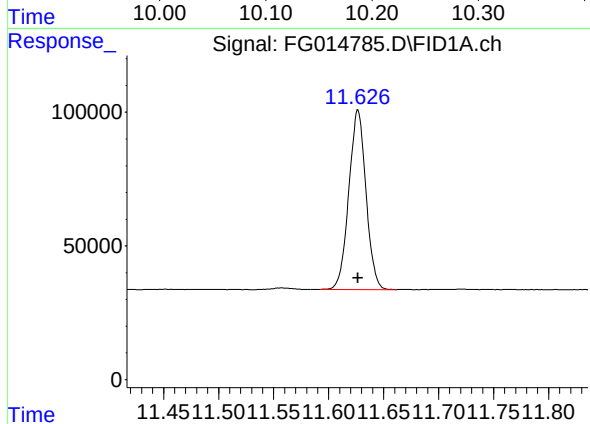
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 721550
Conc: 5.20 ug/ml



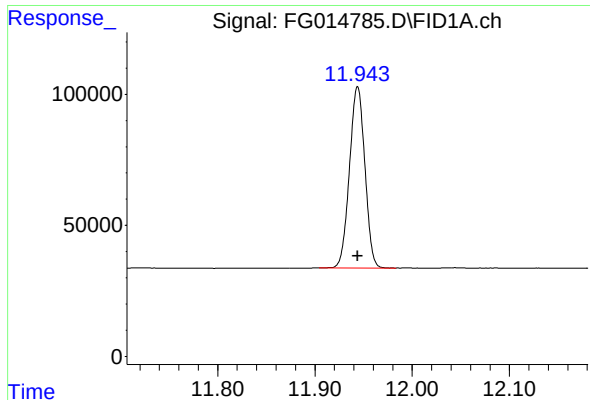
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 734151
Conc: 5.18 ug/ml



#8 n-Octadecane (C18)

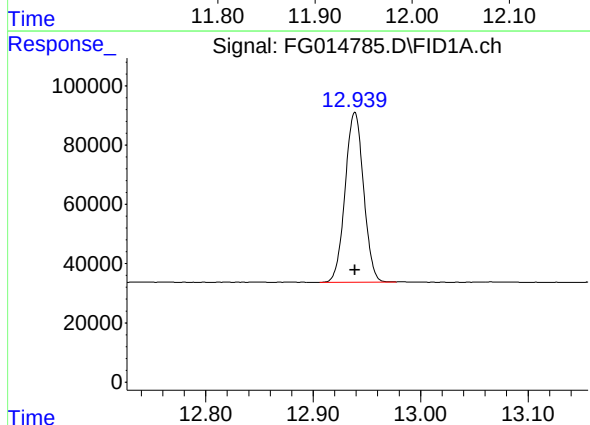
R.T.: 11.627 min
Delta R.T.: 0.000 min
Response: 727935
Conc: 5.17 ug/ml



#9 ortho-Terphenyl (SURR)

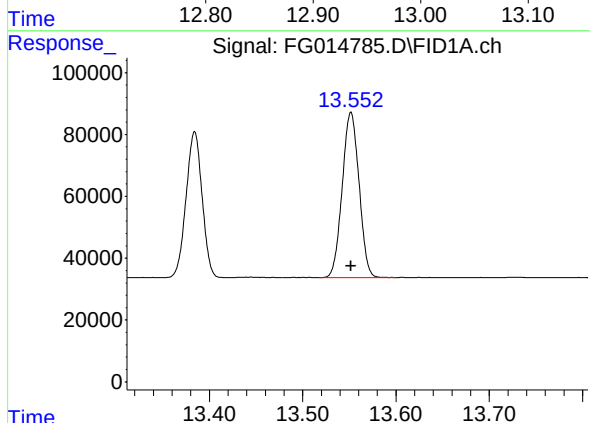
R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 760995
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



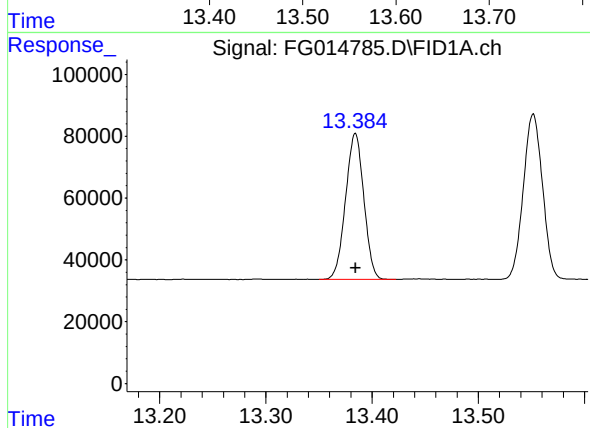
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.000 min
Response: 682898
Conc: 5.15 ug/ml



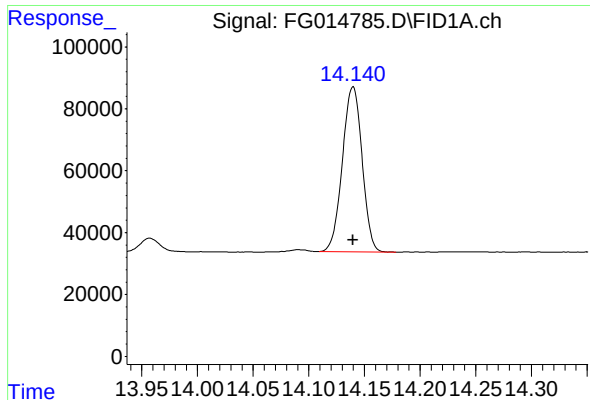
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 670531
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

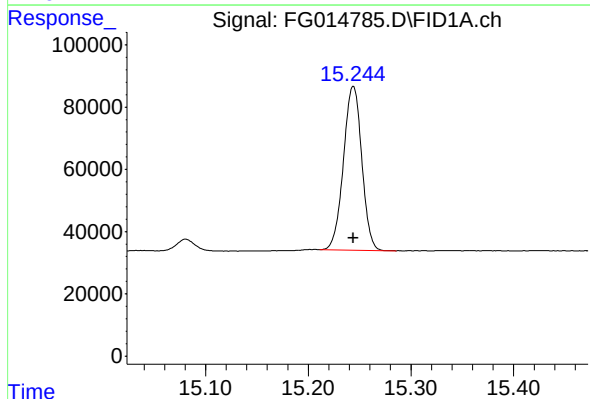
R.T.: 13.384 min
Delta R.T.: 0.000 min
Response: 564494
Conc: 5.08 ug/ml



#13 n-Docosane (C22)

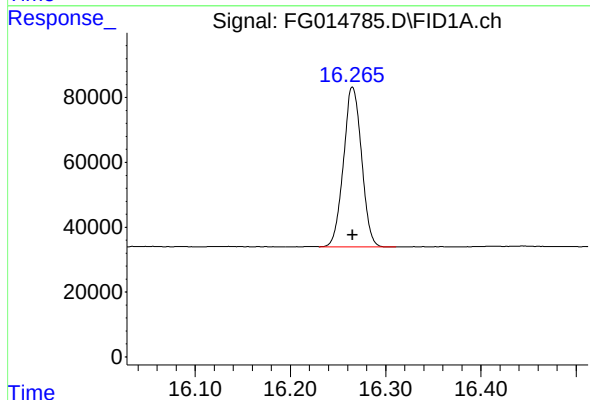
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 657075
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



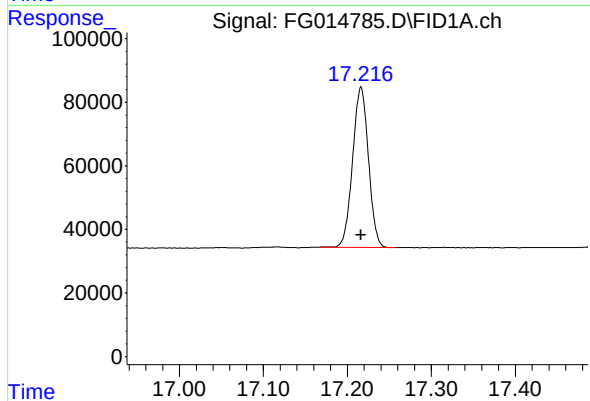
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 651417
Conc: 5.21 ug/ml



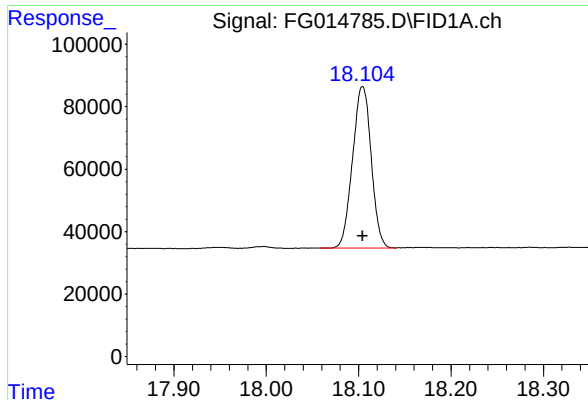
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 649397
Conc: 5.34 ug/ml



#16 n-Octacosane (C28)

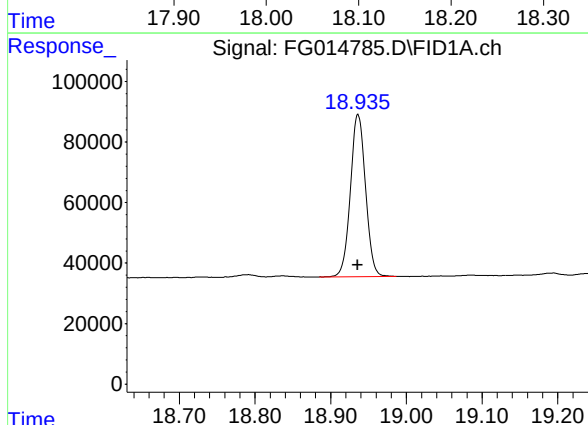
R.T.: 17.216 min
Delta R.T.: 0.000 min
Response: 660836
Conc: 5.51 ug/ml



#17 n-Tricontane (C30)

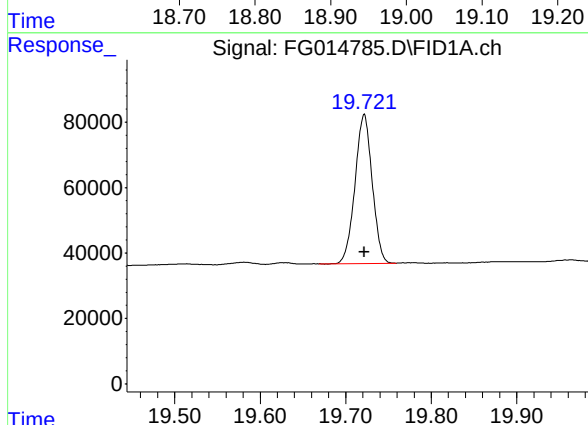
R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 724645
Conc: 5.78 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



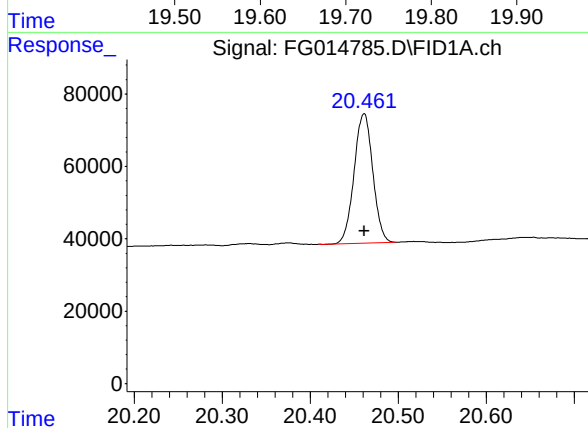
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 747307
Conc: 6.00 ug/ml



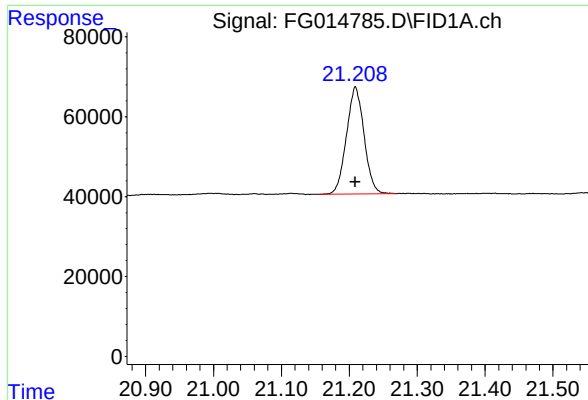
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.000 min
Response: 635279
Conc: 5.88 ug/ml



#20 n-Hexatriacontane (C36)

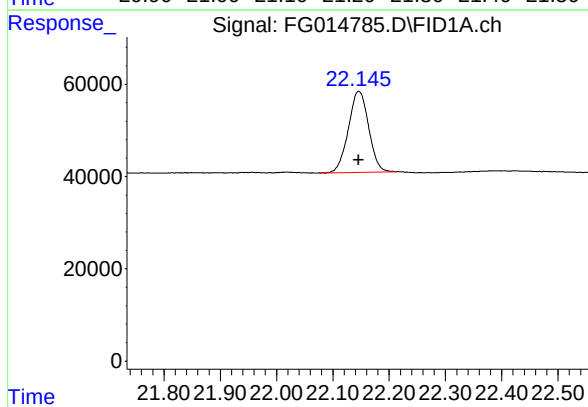
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 528474
Conc: 5.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 483395
Conc: 5.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 439041
Conc: 5.23 ug/ml