

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009709.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 13:22
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: sample.E
 Quant Time: May 03 13:58:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:58:06 2022
 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)	10.834	796852	5.251 ug/ml
Spiked Amount 50.000		Recovery =	10.50%
12) S 1-chlorooctadecane (S...	12.288	615026	5.068 ug/ml
Spiked Amount 50.000		Recovery =	10.14%
Target Compounds			
1) T n-Nonane (C9)	2.666	653550	5.188 ug/ml
2) T n-Decane (C10)	3.677	619963	5.022 ug/ml
3) T A~Naphthalene (C11.7)	5.240	690547	4.947 ug/ml
4) T n-Dodecane (C12)	5.675	632842	4.944 ug/ml
5) T A~2-methylnaphthalene...	6.294	669296	4.831 ug/ml
6) T n-Tetradecane (C14)	7.475	629390	4.903 ug/ml
7) T n-Hexadecane (C16)	9.084	658589	4.937 ug/ml
8) T n-Octadecane (C18)	10.529	707005	5.141 ug/ml
10) T n-Eicosane (C20)	11.843	718336	5.200 ug/ml
11) T n-Heneicosane (C21)	12.456	730712	5.232 ug/ml
13) T n-Docosane (C22)	13.047	728847	5.195 ug/ml
14) T n-Tetracosane (C24)	14.154	739404	5.238 ug/ml
15) T n-Hexacosane (C26)	15.180	745606	5.293 ug/ml
16) T n-Octacosane (C28)	16.132	754155	5.388 ug/ml
17) T n-Tricontane (C30)	17.023	754597	5.501 ug/ml
18) T n-Dotriacontane (C32)	17.858	727142	5.668 ug/ml
19) T n-Tetratriacontane (C34)	18.645	627641	5.445 ug/ml
20) T n-Hexatriacontane (C36)	19.388	504964	5.061 ug/ml
21) T n-Octatriacontane (C38)	20.124	441440	5.114 ug/ml
22) T n-Tetracontane (C40)	21.031	404968	5.096 ug/ml

(f)=RT Delta > 1/2 Window

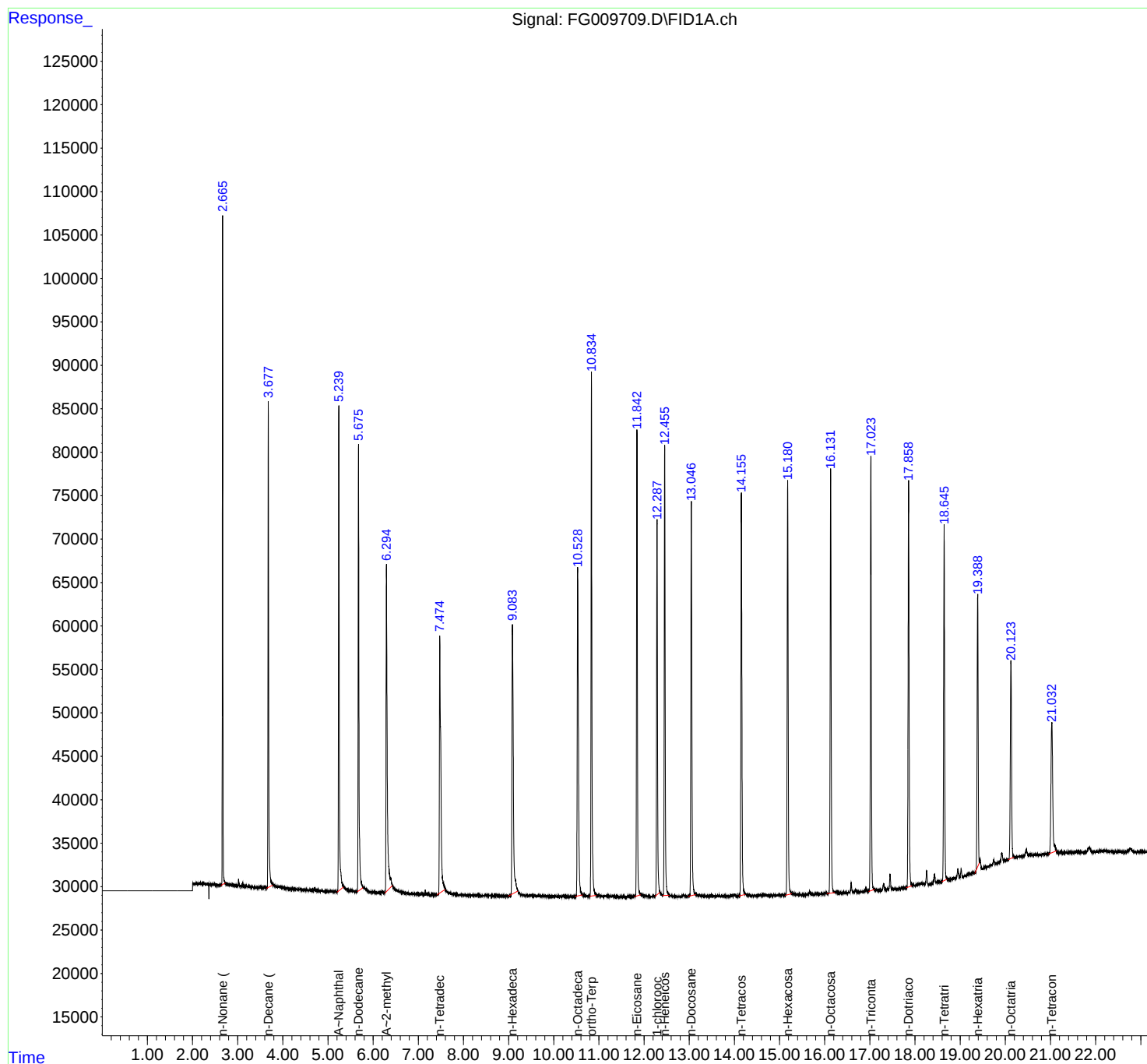
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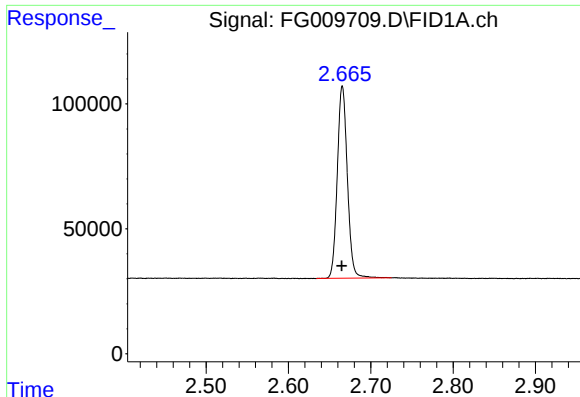
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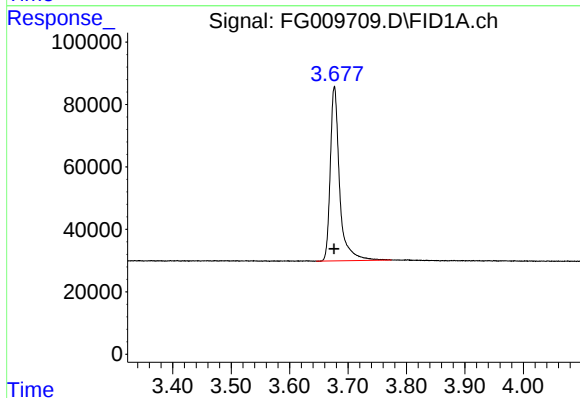




#1 n-Nonane (C9)

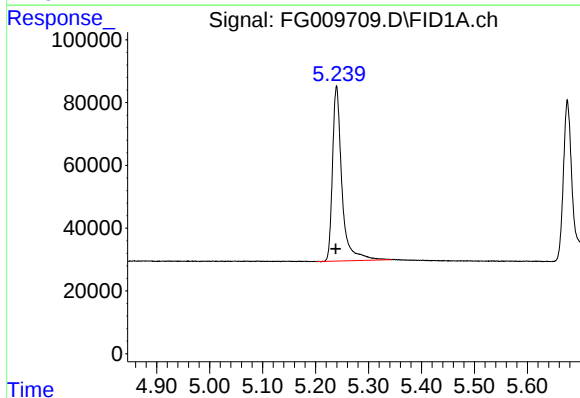
R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 653550
Conc: 5.19 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



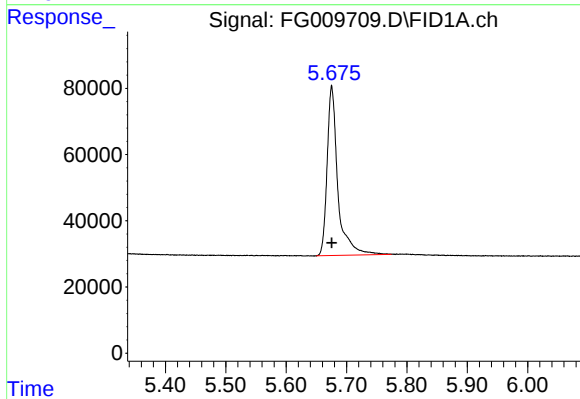
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 619963
Conc: 5.02 ug/ml



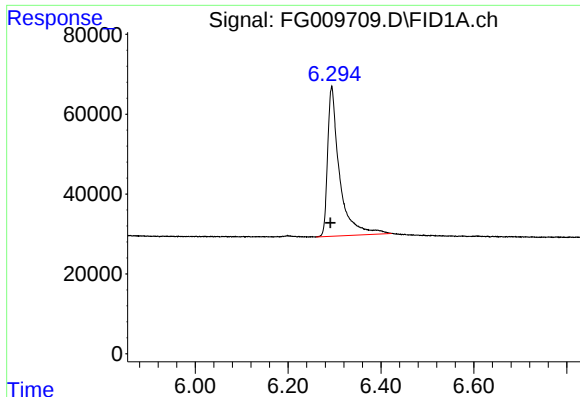
#3 A~Naphthalene (C11.7)

R.T.: 5.240 min
Delta R.T.: 0.002 min
Response: 690547
Conc: 4.95 ug/ml



#4 n-Dodecane (C12)

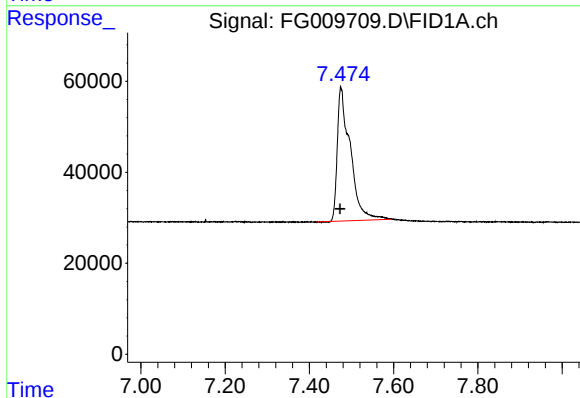
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 632842
Conc: 4.94 ug/ml



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

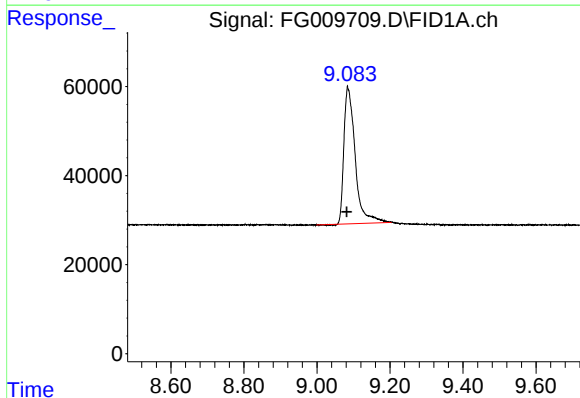
R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 669296
Conc: 4.83 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



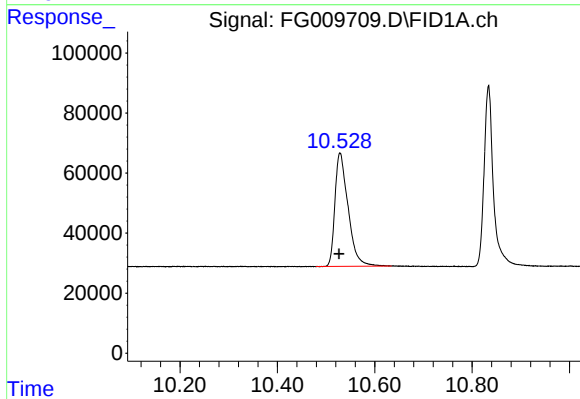
#6 n-Tetradecane (C14)

R.T.: 7.475 min
Delta R.T.: 0.002 min
Response: 629390
Conc: 4.90 ug/ml



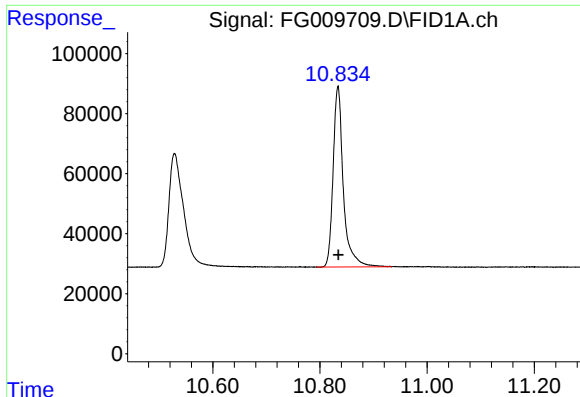
#7 n-Hexadecane (C16)

R.T.: 9.084 min
Delta R.T.: 0.002 min
Response: 658589
Conc: 4.94 ug/ml



#8 n-Octadecane (C18)

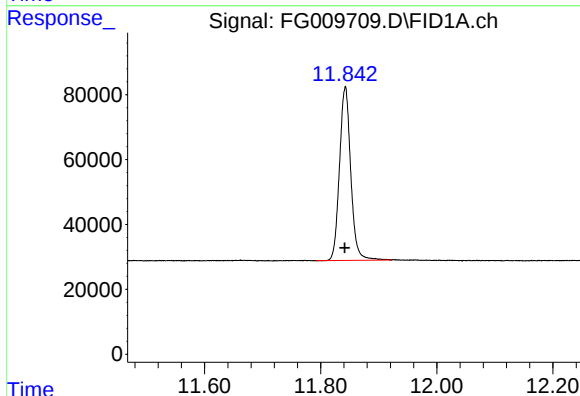
R.T.: 10.529 min
Delta R.T.: 0.002 min
Response: 707005
Conc: 5.14 ug/ml



#9 ortho-Terphenyl (SURR)

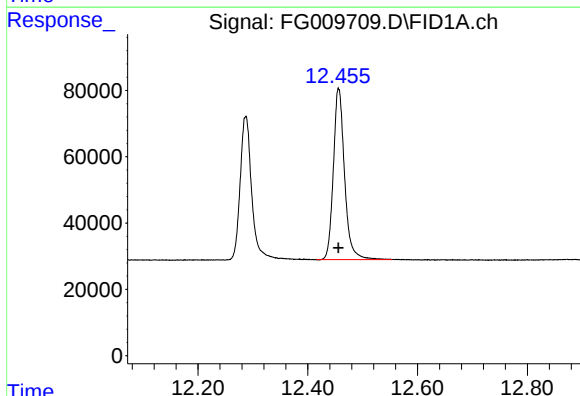
R.T.: 10.834 min
Delta R.T.: 0.000 min
Response: 796852
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



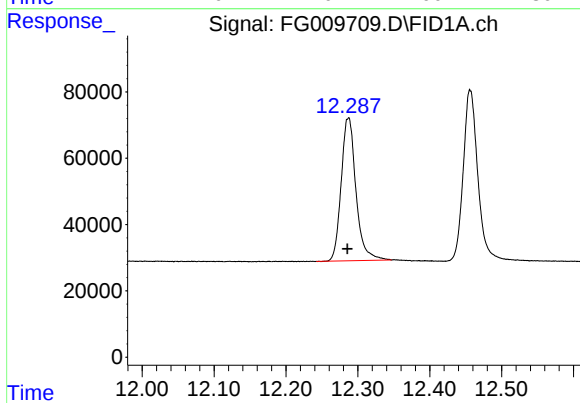
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.001 min
Response: 718336
Conc: 5.20 ug/ml



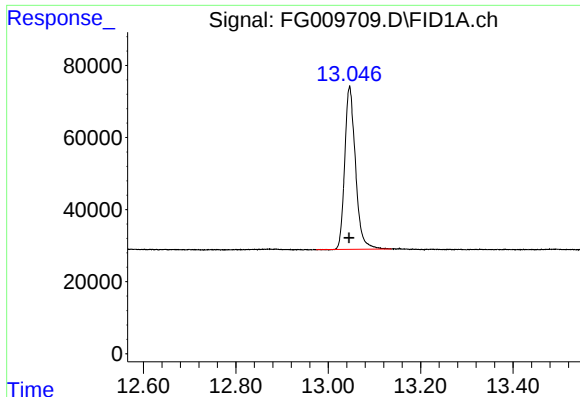
#11 n-Heneicosane (C21)

R.T.: 12.456 min
Delta R.T.: 0.000 min
Response: 730712
Conc: 5.23 ug/ml



#12 1-chlorooctadecane (SURR)

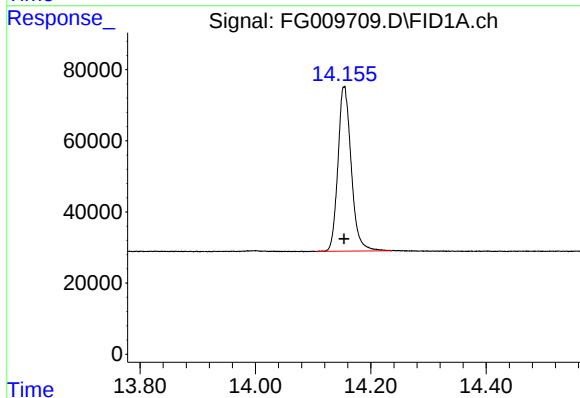
R.T.: 12.288 min
Delta R.T.: 0.002 min
Response: 615026
Conc: 5.07 ug/ml



#13 n-Docosane (C22)

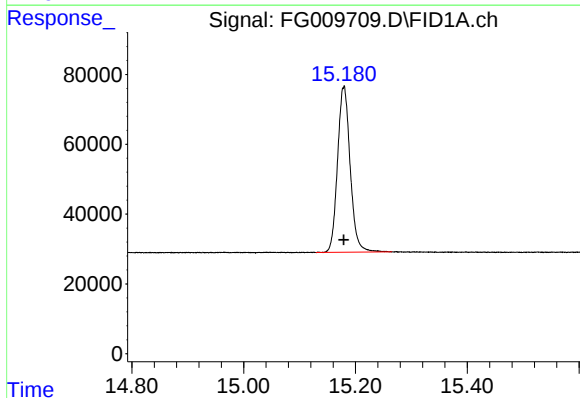
R.T.: 13.047 min
Delta R.T.: 0.001 min
Response: 728847
Conc: 5.20 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



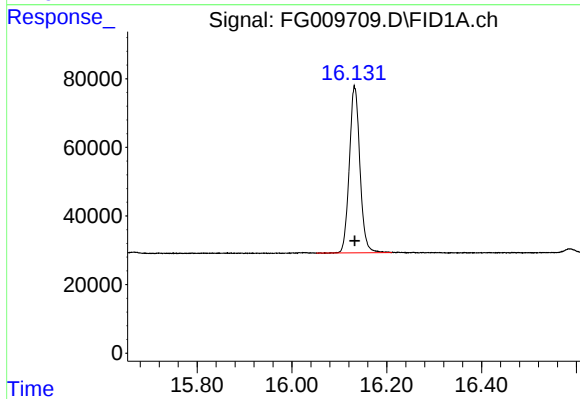
#14 n-Tetracosane (C24)

R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 739404
Conc: 5.24 ug/ml



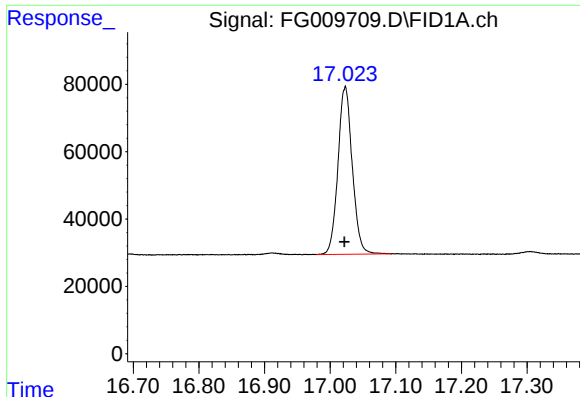
#15 n-Hexacosane (C26)

R.T.: 15.180 min
Delta R.T.: 0.001 min
Response: 745606
Conc: 5.29 ug/ml



#16 n-Octacosane (C28)

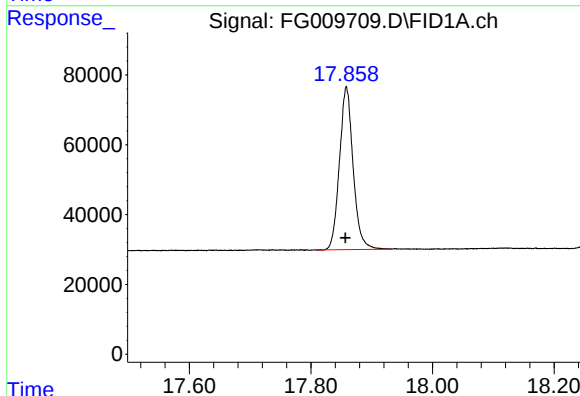
R.T.: 16.132 min
Delta R.T.: 0.000 min
Response: 754155
Conc: 5.39 ug/ml



#17 n-Tricontane (C30)

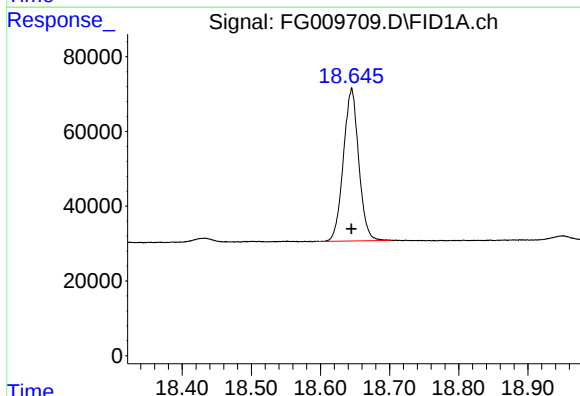
R.T.: 17.023 min
Delta R.T.: 0.001 min
Response: 754597
Conc: 5.50 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



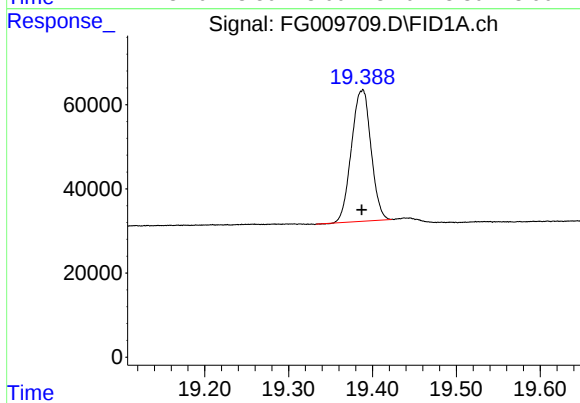
#18 n-Dotriacontane (C32)

R.T.: 17.858 min
Delta R.T.: 0.001 min
Response: 727142
Conc: 5.67 ug/ml



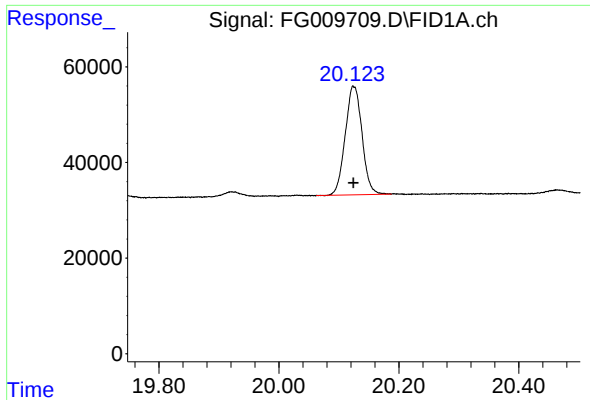
#19 n-Tetratriacontane (C34)

R.T.: 18.645 min
Delta R.T.: 0.000 min
Response: 627641
Conc: 5.44 ug/ml



#20 n-Hexatriacontane (C36)

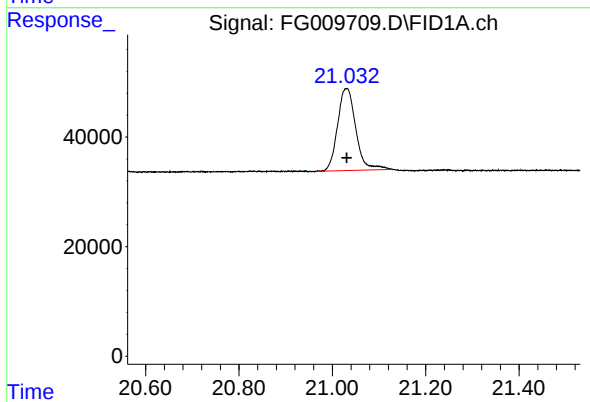
R.T.: 19.388 min
Delta R.T.: 0.000 min
Response: 504964
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.124 min
Delta R.T.: 0.000 min
Response: 441440
Conc: 5.11 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: 0.000 min
Response: 404968
Conc: 5.10 ug/ml