

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042781.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 10:38
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 21 11:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 10:33:41 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)	11.923	966930	5.334 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
12) S 1-chlorooctadecane (S...	13.360	712144	5.294 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
Target Compounds			
1) T n-Nonane (C9)	3.304	796269	5.195 ug/ml
2) T n-Decane (C10)	4.556	811024	5.169 ug/ml
3) T A~Naphthalene (C11.7)	6.266	828973	4.870 ug/ml
4) T n-Dodecane (C12)	6.725	819998	5.155 ug/ml
5) T A~2-methylnaphthalene...	7.363	779404	4.761 ug/ml
6) T n-Tetradecane (C14)	8.554	821272	5.202 ug/ml
7) T n-Hexadecane (C16)	10.162	858077	5.265 ug/ml
8) T n-Octadecane (C18)	11.604	876041	5.343 ug/ml
10) T n-Eicosane (C20)	12.914	841368	5.384 ug/ml
11) T n-Heneicosane (C21)	13.527	818595	5.369 ug/ml
13) T n-Docosane (C22)	14.112	802783	5.342 ug/ml
14) T n-Tetracosane (C24)	15.216	779730	5.323 ug/ml
15) T n-Hexacosane (C26)	16.238	752042	5.330 ug/ml
16) T n-Octacosane (C28)	17.187	741196	5.438 ug/ml
17) T n-Tricontane (C30)	18.075	784870	5.706 ug/ml
18) T n-Dotriacontane (C32)	18.908	795695	5.871 ug/ml
19) T n-Tetratriacontane (C34)	19.691	759281	5.705 ug/ml
20) T n-Hexatriacontane (C36)	20.431	721525	5.504 ug/ml
21) T n-Octatriacontane (C38)	21.173	733818	5.487 ug/ml
22) T n-Tetracontane (C40)	22.096	737825	5.385 ug/ml

(f)=RT Delta > 1/2 Window

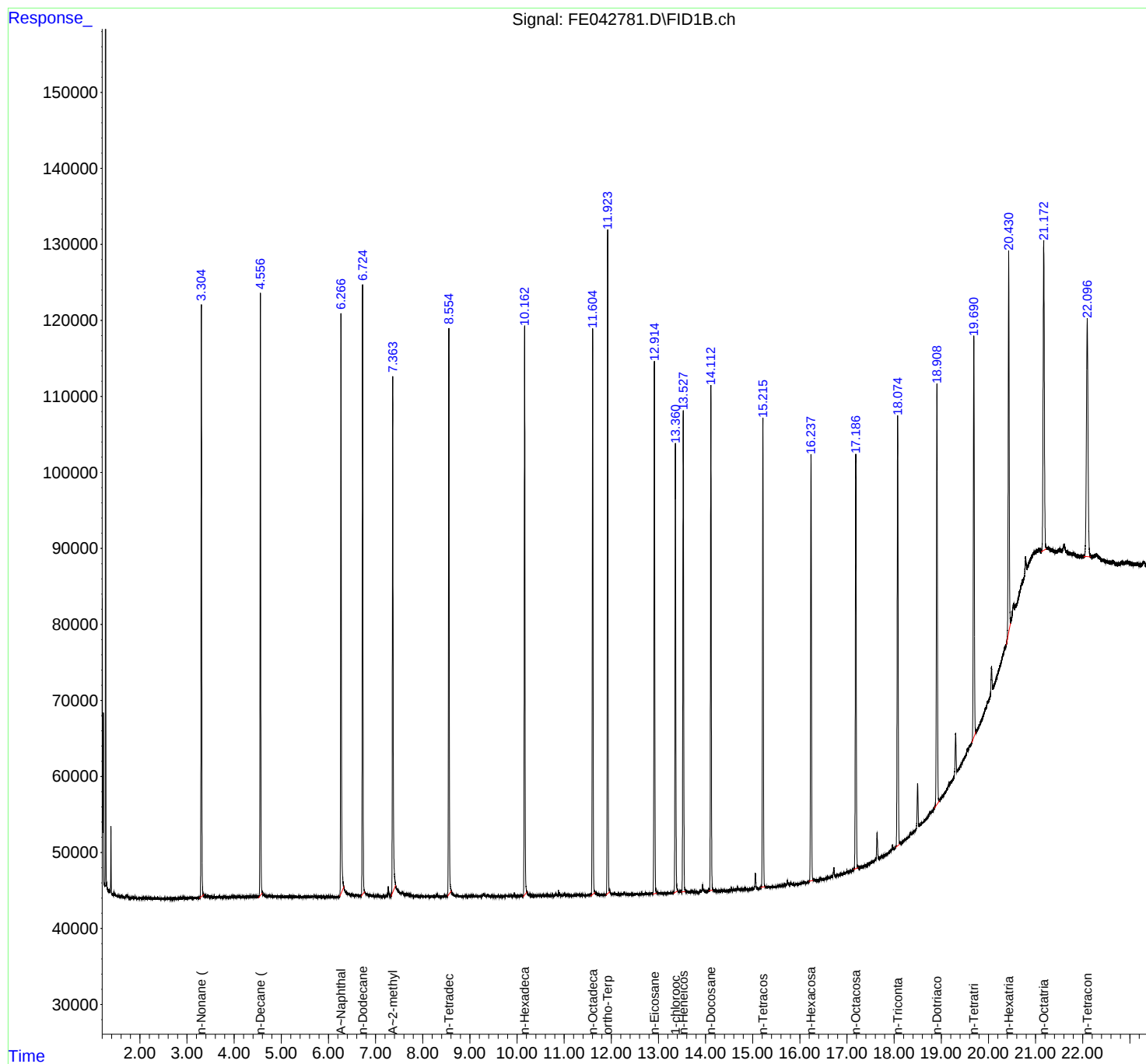
(m)=manual int.

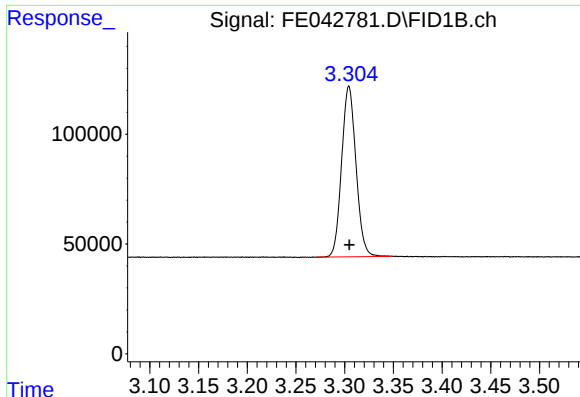
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
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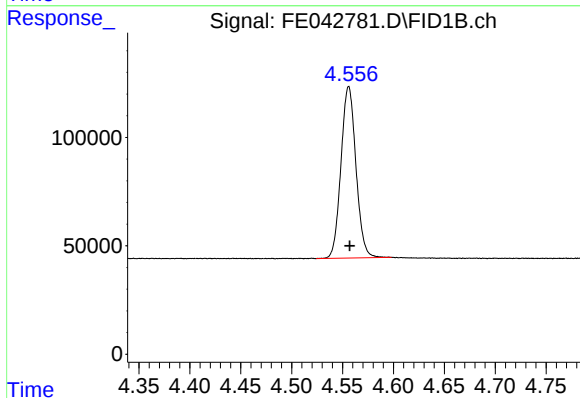




#1 n-Nonane (C9)

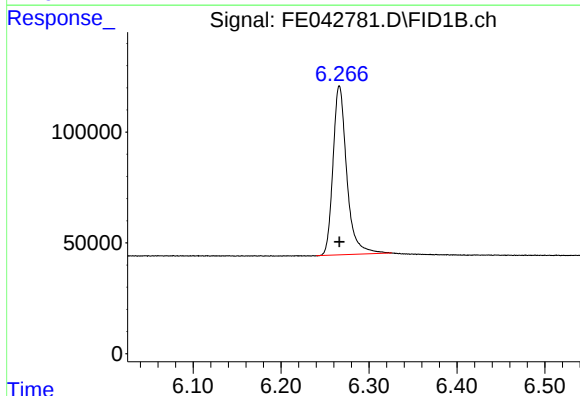
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 796269
Conc: 5.20 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



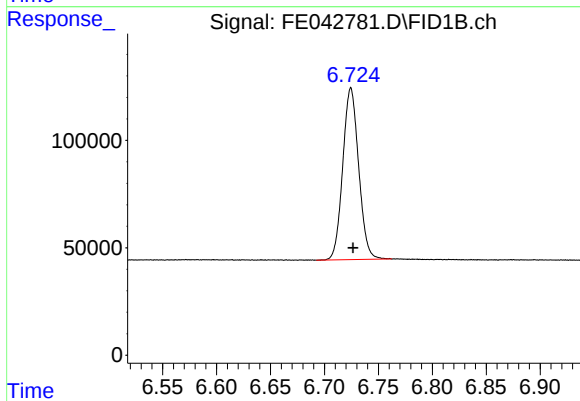
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 811024
Conc: 5.17 ug/ml



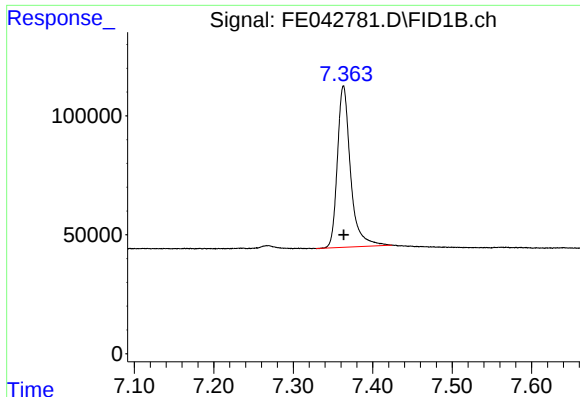
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 828973
Conc: 4.87 ug/ml



#4 n-Dodecane (C12)

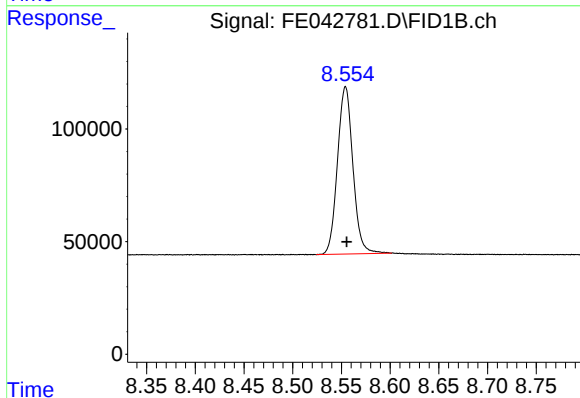
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 819998
Conc: 5.15 ug/ml



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

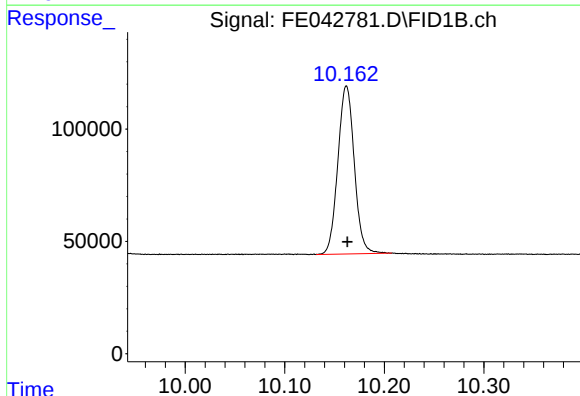
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 779404
Conc: 4.76 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



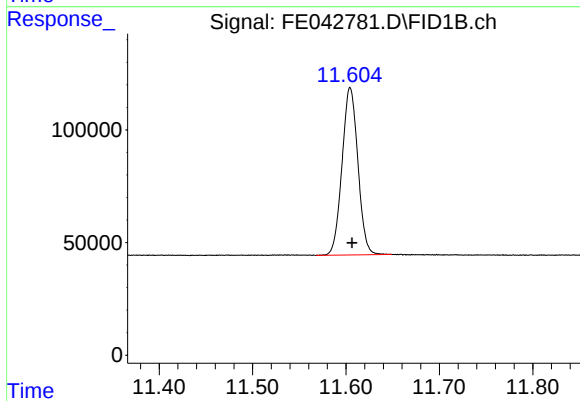
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 821272
Conc: 5.20 ug/ml



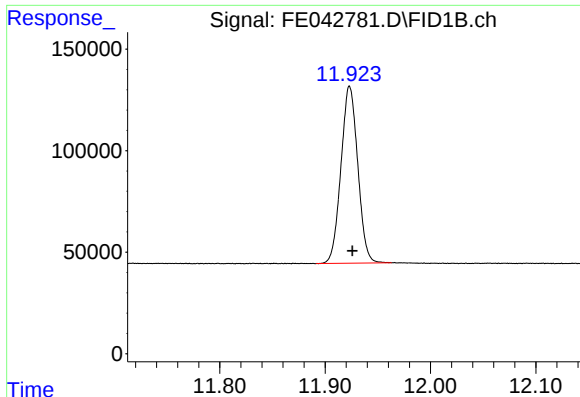
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 858077
Conc: 5.27 ug/ml



#8 n-Octadecane (C18)

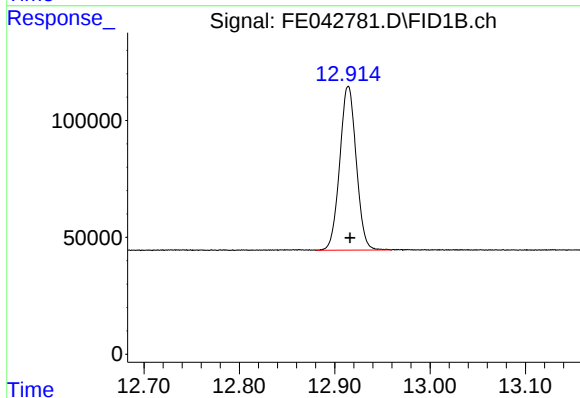
R.T.: 11.604 min
Delta R.T.: -0.002 min
Response: 876041
Conc: 5.34 ug/ml



#9 ortho-Terphenyl (SURR)

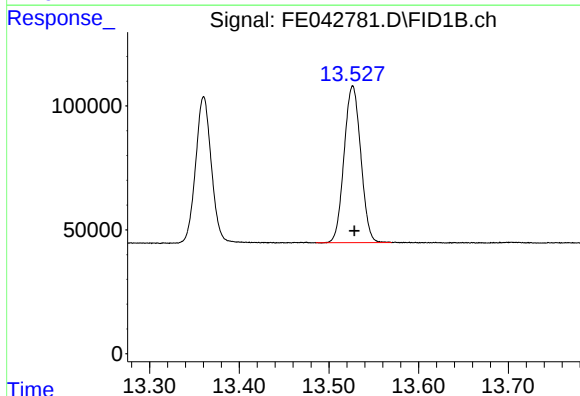
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 966930
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



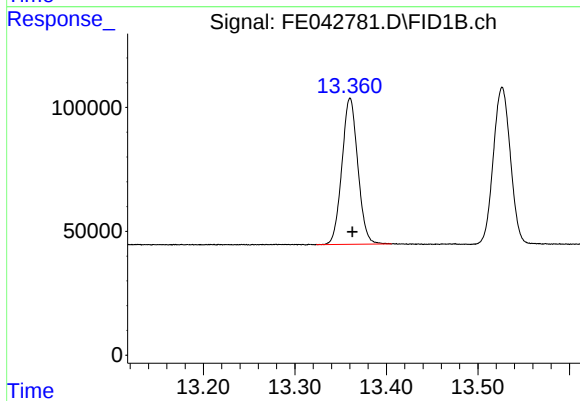
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.002 min
Response: 841368
Conc: 5.38 ug/ml



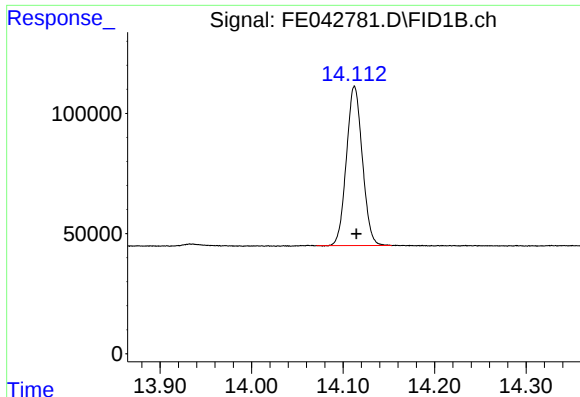
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.002 min
Response: 818595
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

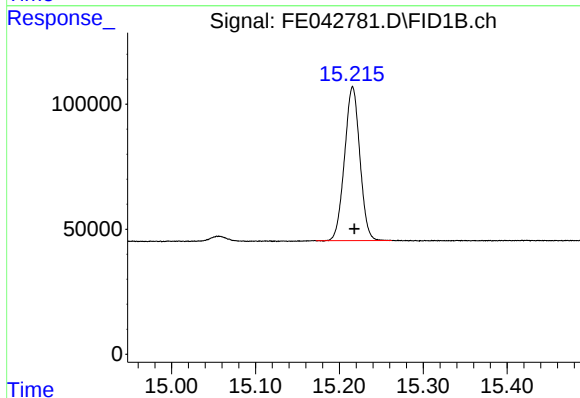
R.T.: 13.360 min
Delta R.T.: -0.002 min
Response: 712144
Conc: 5.29 ug/ml



#13 n-Docosane (C22)

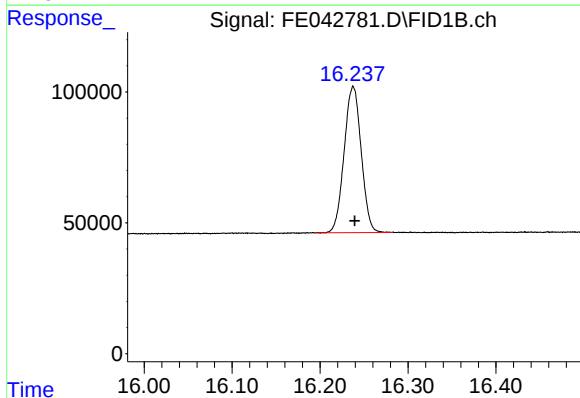
R.T.: 14.112 min
Delta R.T.: -0.002 min
Response: 802783
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



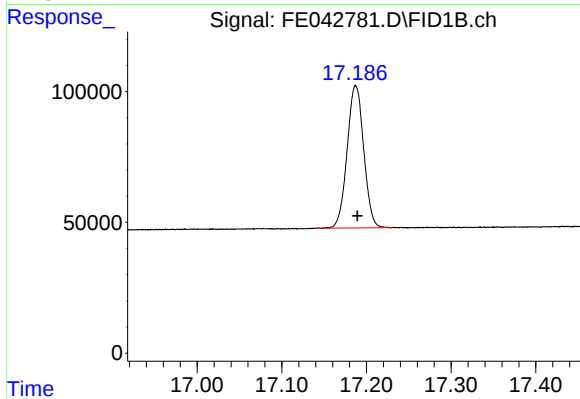
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.002 min
Response: 779730
Conc: 5.32 ug/ml



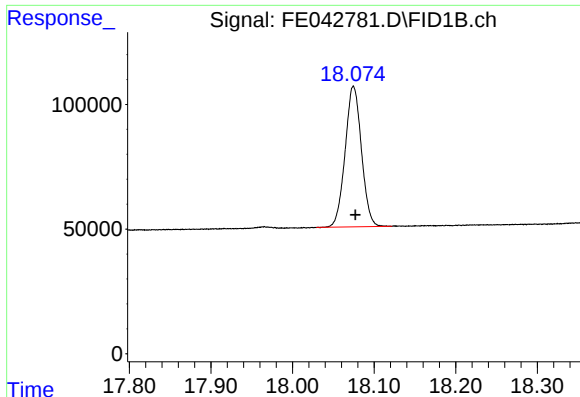
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.002 min
Response: 752042
Conc: 5.33 ug/ml



#16 n-Octacosane (C28)

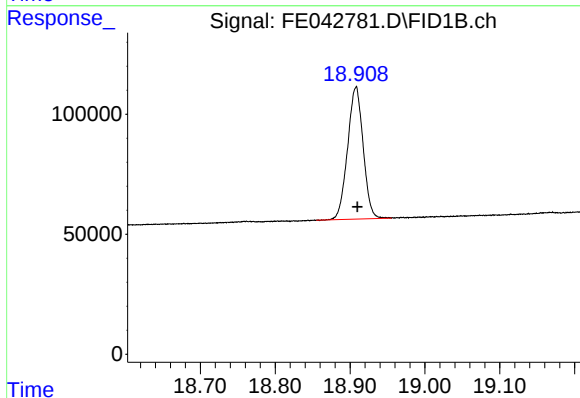
R.T.: 17.187 min
Delta R.T.: -0.002 min
Response: 741196
Conc: 5.44 ug/ml



#17 n-Tricontane (C30)

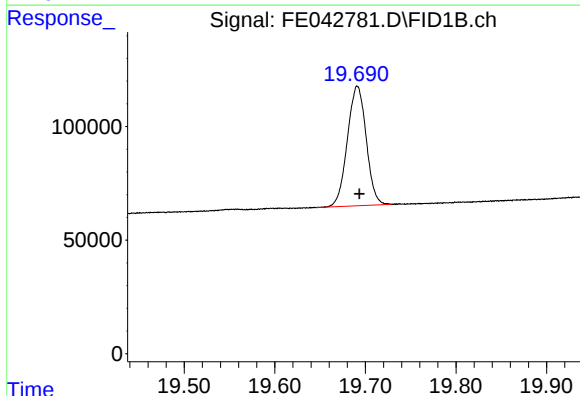
R.T.: 18.075 min
Delta R.T.: -0.003 min
Response: 784870
Conc: 5.71 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



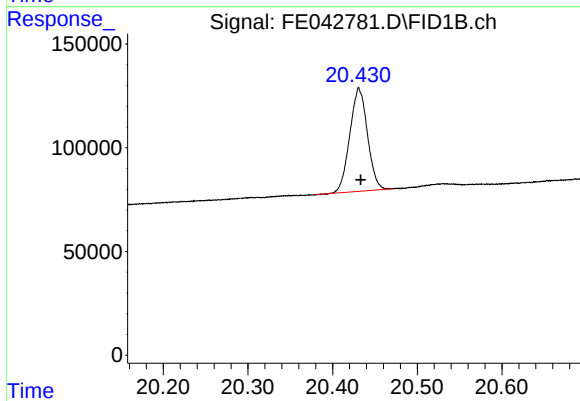
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.002 min
Response: 795695
Conc: 5.87 ug/ml



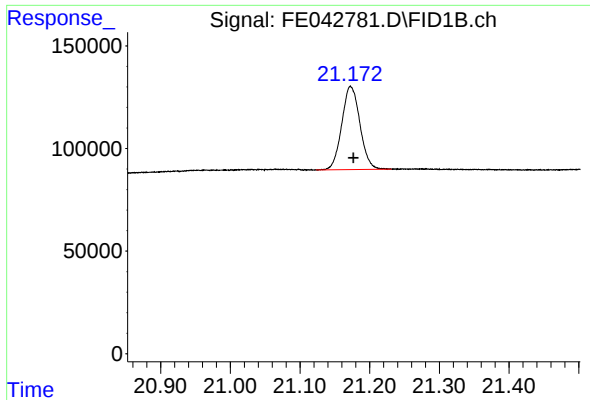
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.002 min
Response: 759281
Conc: 5.70 ug/ml



#20 n-Hexatriacontane (C36)

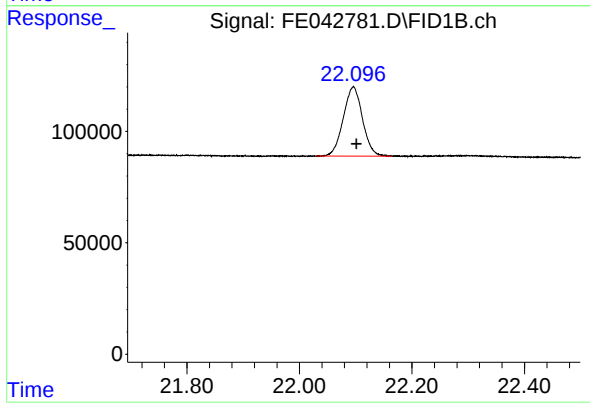
R.T.: 20.431 min
Delta R.T.: -0.002 min
Response: 721525
Conc: 5.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.004 min
Response: 733818
Conc: 5.49 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.005 min
Response: 737825
Conc: 5.38 ug/ml