

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE040994.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 24 12:02:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.869	3514530	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.309	2698889	18.235 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.264	3261713	21.197 ug/ml
2) T n-Decane (C10)	4.512	3251044	21.609 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3538214	21.331 ug/ml
4) T n-Dodecane (C12)	6.677	3304575	21.586 ug/ml
5) T A~2-methylnaphthalene...	7.311	3287315	21.721 ug/ml
6) T n-Tetradecane (C14)	8.504	3307377	21.399 ug/ml
7) T n-Hexadecane (C16)	10.111	3360423	20.805 ug/ml
8) T n-Octadecane (C18)	11.554	3348289	19.720 ug/ml
10) T n-Eicosane (C20)	12.864	3196884	18.898 ug/ml
11) T n-Heneicosane (C21)	13.477	3167084	18.482 ug/ml
13) T n-Docosane (C22)	14.063	3096061	18.073 ug/ml
14) T n-Tetracosane (C24)	15.168	3040803	17.639 ug/ml
15) T n-Hexacosane (C26)	16.189	2931993	17.251 ug/ml
16) T n-Octacosane (C28)	17.141	2920154	17.412 ug/ml
17) T n-Tricontane (C30)	18.030	2974599	18.217 ug/ml
18) T n-Dotriacontane (C32)	18.863	3063270	17.898 ug/ml
19) T n-Tetratriacontane (C34)	19.648	3038412	19.652 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2933720	20.194 ug/ml
21) T n-Octatriacontane (C38)	21.121	2996958	21.803 ug/ml
22) T n-Tetracontane (C40)	22.010	3171210	20.523 ug/ml

(f)=RT Delta > 1/2 Window

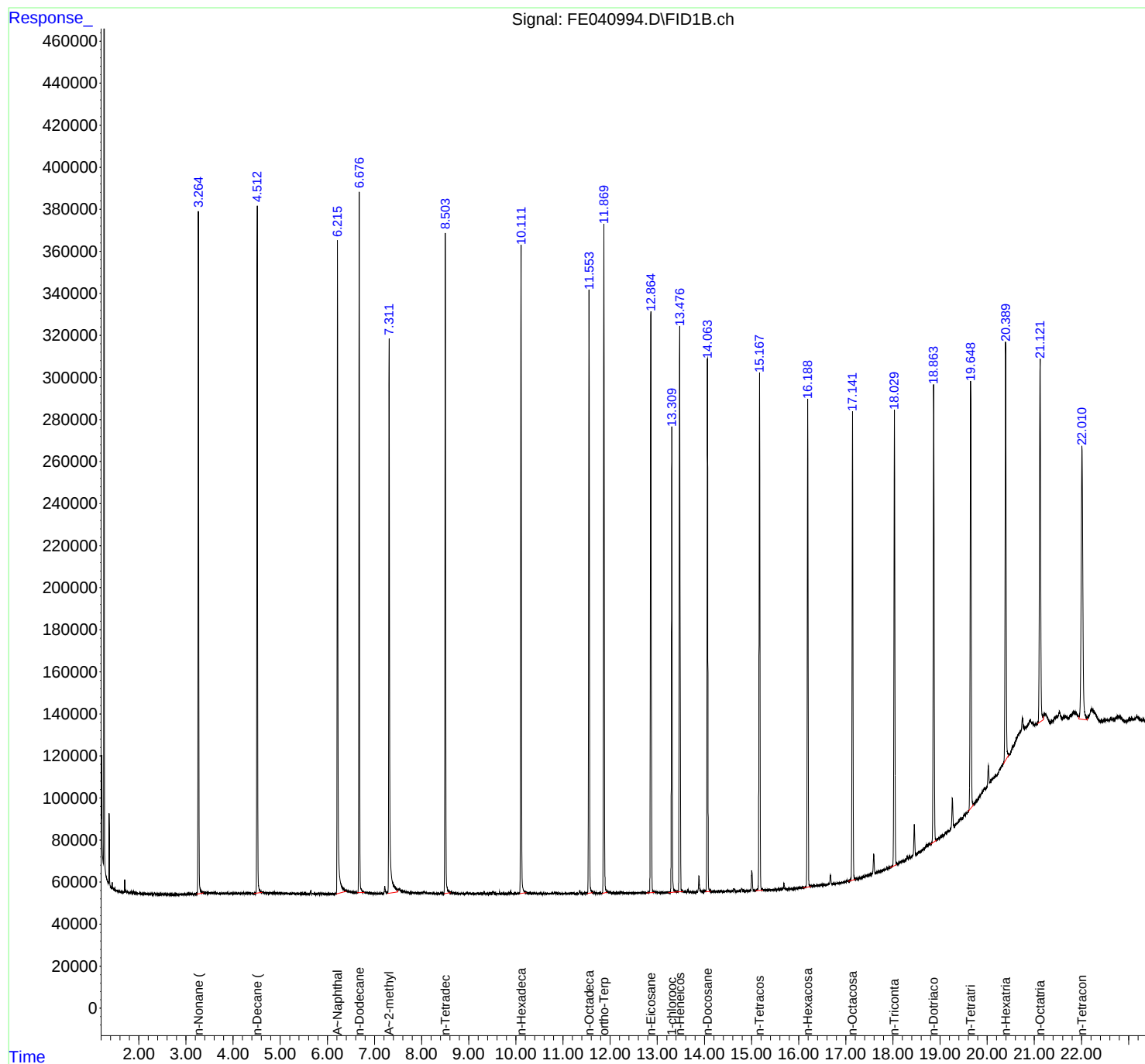
(m)=manual int.

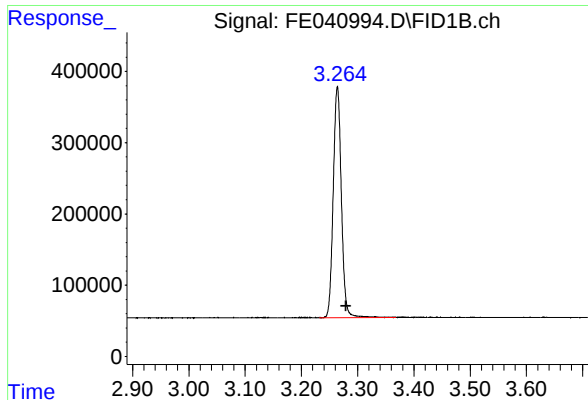
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
Data File : FE040994.D
Signal(s) : FID1B.ch
Acq On : 24 Mar 2023 09:29
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 24 12:02:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
Quant Title : GC Extractables
QLast Update : Tue Feb 28 03:05:09 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

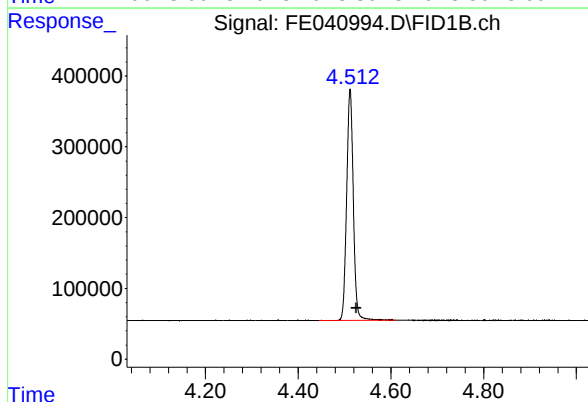




#1 n-Nonane (C9)

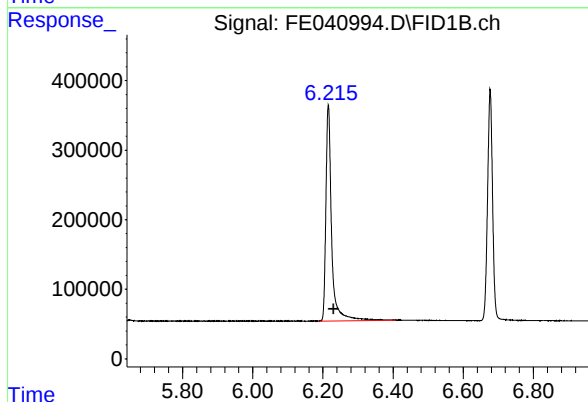
R.T.: 3.264 min
Delta R.T.: -0.015 min
Response: 3261713
Conc: 21.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



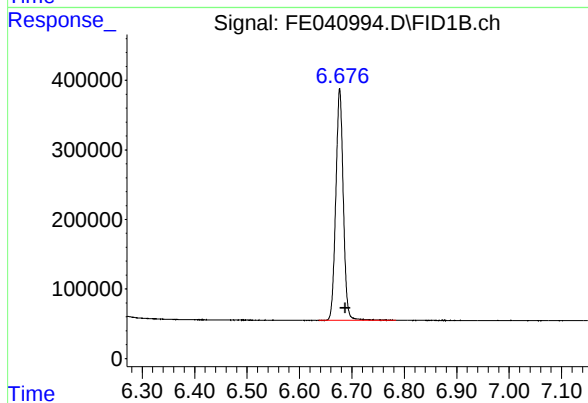
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.013 min
Response: 3251044
Conc: 21.61 ug/ml



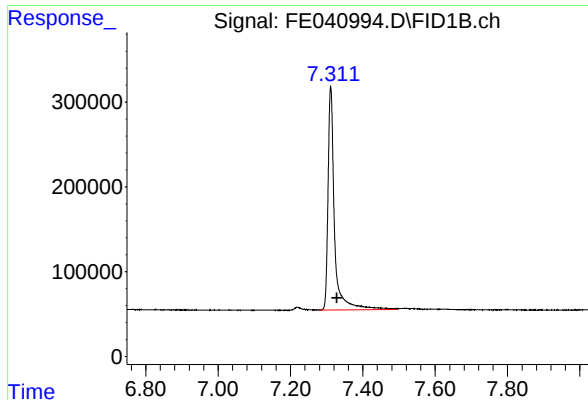
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.016 min
Response: 3538214
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

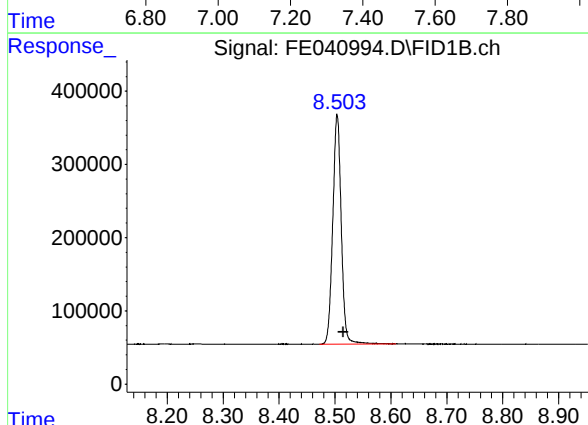
R.T.: 6.677 min
Delta R.T.: -0.011 min
Response: 3304575
Conc: 21.59 ug/ml



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

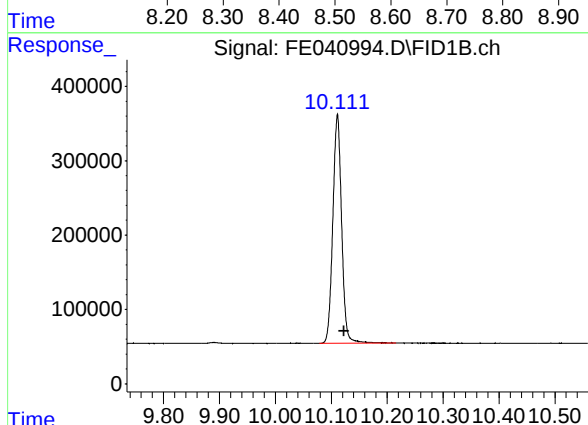
R.T.: 7.311 min
Delta R.T.: -0.017 min
Response: 3287315
Conc: 21.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



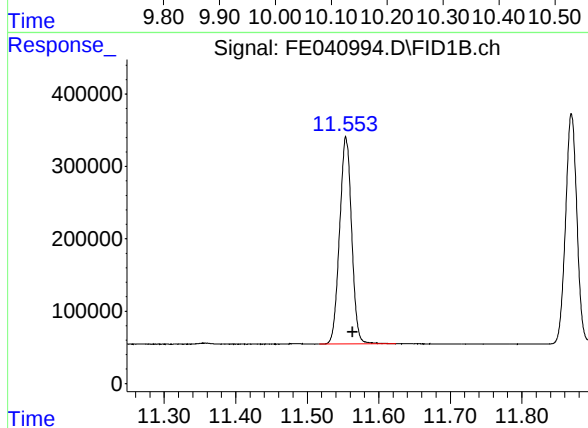
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.011 min
Response: 3307377
Conc: 21.40 ug/ml



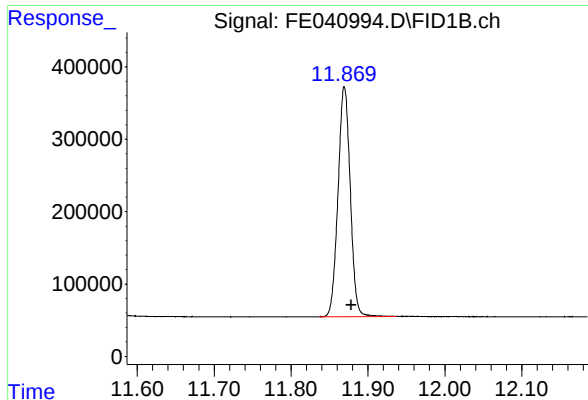
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.011 min
Response: 3360423
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

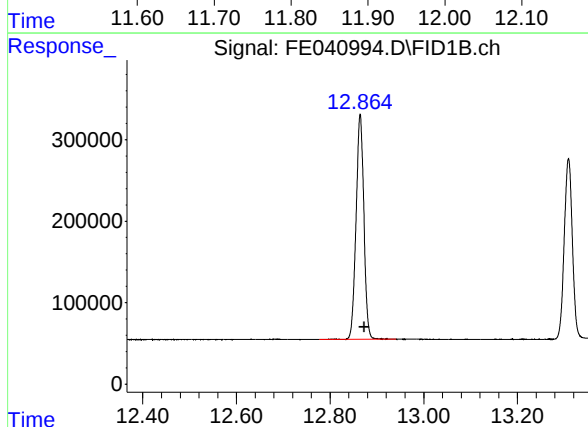
R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 3348289
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

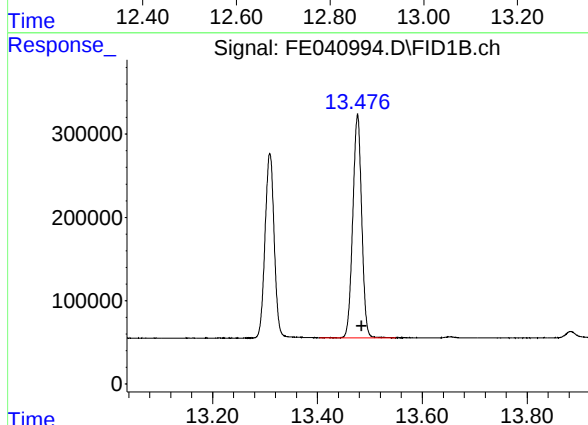
R.T.: 11.869 min
Delta R.T.: -0.009 min
Response: 3514530
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



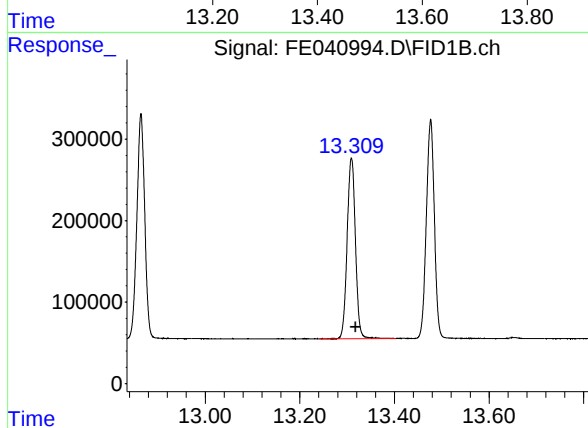
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.008 min
Response: 3196884
Conc: 18.90 ug/ml



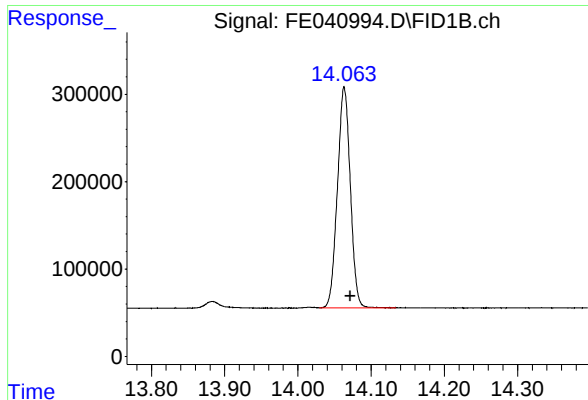
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.008 min
Response: 3167084
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

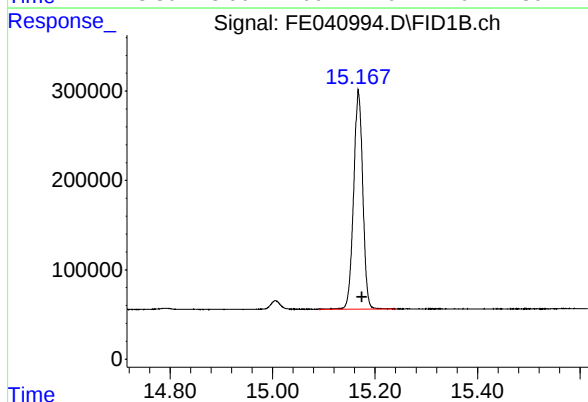
R.T.: 13.309 min
Delta R.T.: -0.009 min
Response: 2698889
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

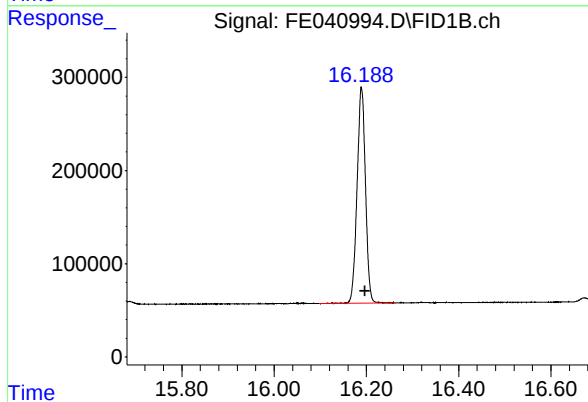
R.T.: 14.063 min
Delta R.T.: -0.008 min
Response: 3096061
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



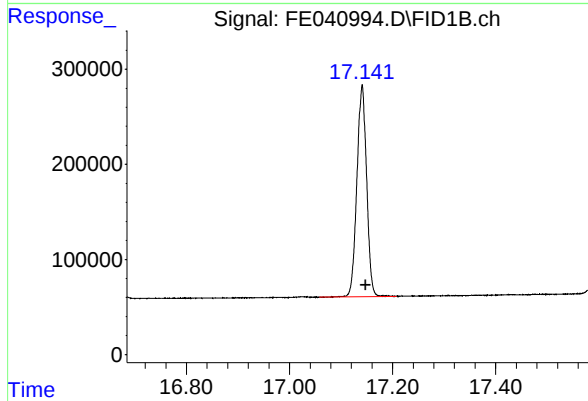
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.007 min
Response: 3040803
Conc: 17.64 ug/ml



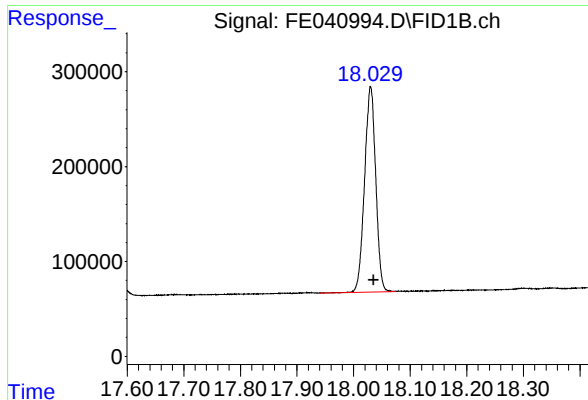
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 2931993
Conc: 17.25 ug/ml



#16 n-Octacosane (C28)

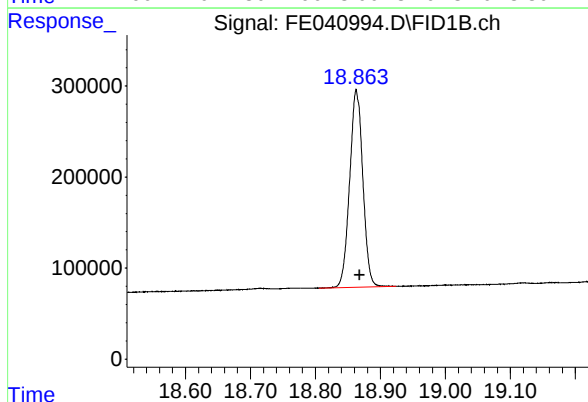
R.T.: 17.141 min
Delta R.T.: -0.006 min
Response: 2920154
Conc: 17.41 ug/ml



#17 n-Tricontane (C30)

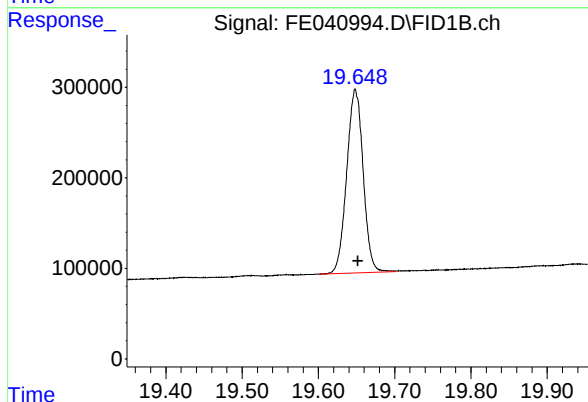
R.T.: 18.030 min
Delta R.T.: -0.006 min
Response: 2974599
Conc: 18.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



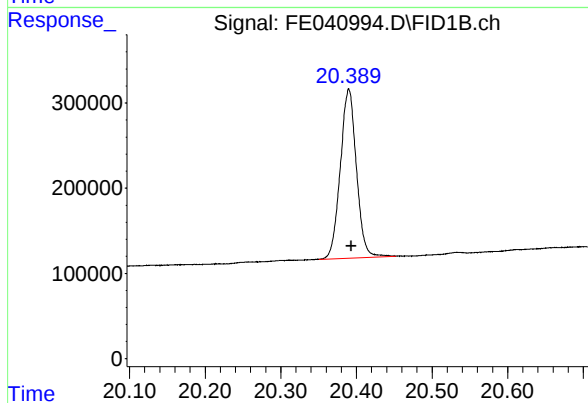
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.005 min
Response: 3063270
Conc: 17.90 ug/ml



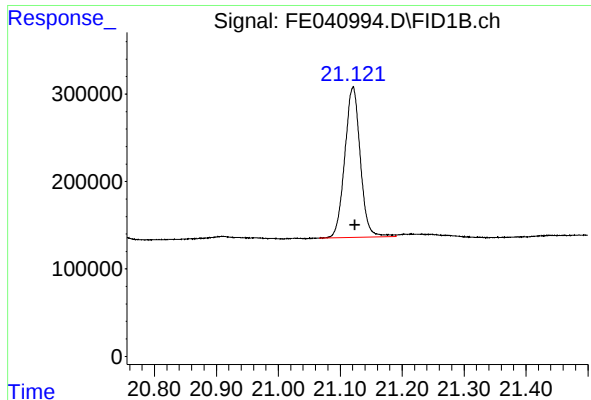
#19 n-Tetatriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.004 min
Response: 3038412
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

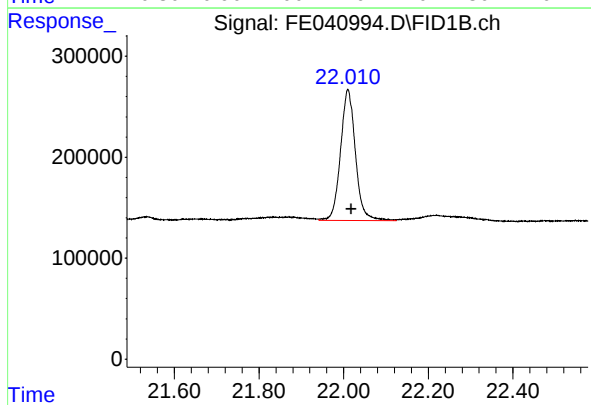
R.T.: 20.390 min
Delta R.T.: -0.003 min
Response: 2933720
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.003 min
Response: 2996958
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: -0.008 min
Response: 3171210
Conc: 20.52 ug/ml