

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043100.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 08:53
 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: Jul 06 16:20:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.903	3364349	18.314 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.339	2473304	18.174 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
Target Compounds			
1) T n-Nonane (C9)	3.283	2919175	18.898 ug/ml
2) T n-Decane (C10)	4.535	2964254	18.766 ug/ml
3) T A~Naphthalene (C11.7)	6.244	3135191	18.516 ug/ml
4) T n-Dodecane (C12)	6.705	2987848	18.666 ug/ml
5) T A~2-methylnaphthalene...	7.341	2969627	18.316 ug/ml
6) T n-Tetradecane (C14)	8.533	2981242	18.732 ug/ml
7) T n-Hexadecane (C16)	10.142	3049744	18.517 ug/ml
8) T n-Octadecane (C18)	11.585	3071151	18.477 ug/ml
10) T n-Eicosane (C20)	12.894	2917374	18.385 ug/ml
11) T n-Heneicosane (C21)	13.506	2846352	18.398 ug/ml
13) T n-Docosane (C22)	14.093	2795690	18.353 ug/ml
14) T n-Tetracosane (C24)	15.195	2717761	18.317 ug/ml
15) T n-Hexacosane (C26)	16.216	2619447	18.323 ug/ml
16) T n-Octacosane (C28)	17.167	2528932	18.234 ug/ml
17) T n-Tricontane (C30)	18.053	2545343	17.997 ug/ml
18) T n-Dotriacontane (C32)	18.886	2503410	17.848 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2460144	17.977 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2365376	17.687 ug/ml
21) T n-Octatriacontane (C38)	21.147	2313392	16.968 ug/ml
22) T n-Tetracontane (C40)	22.059	2333175	16.770 ug/ml

(f)=RT Delta > 1/2 Window

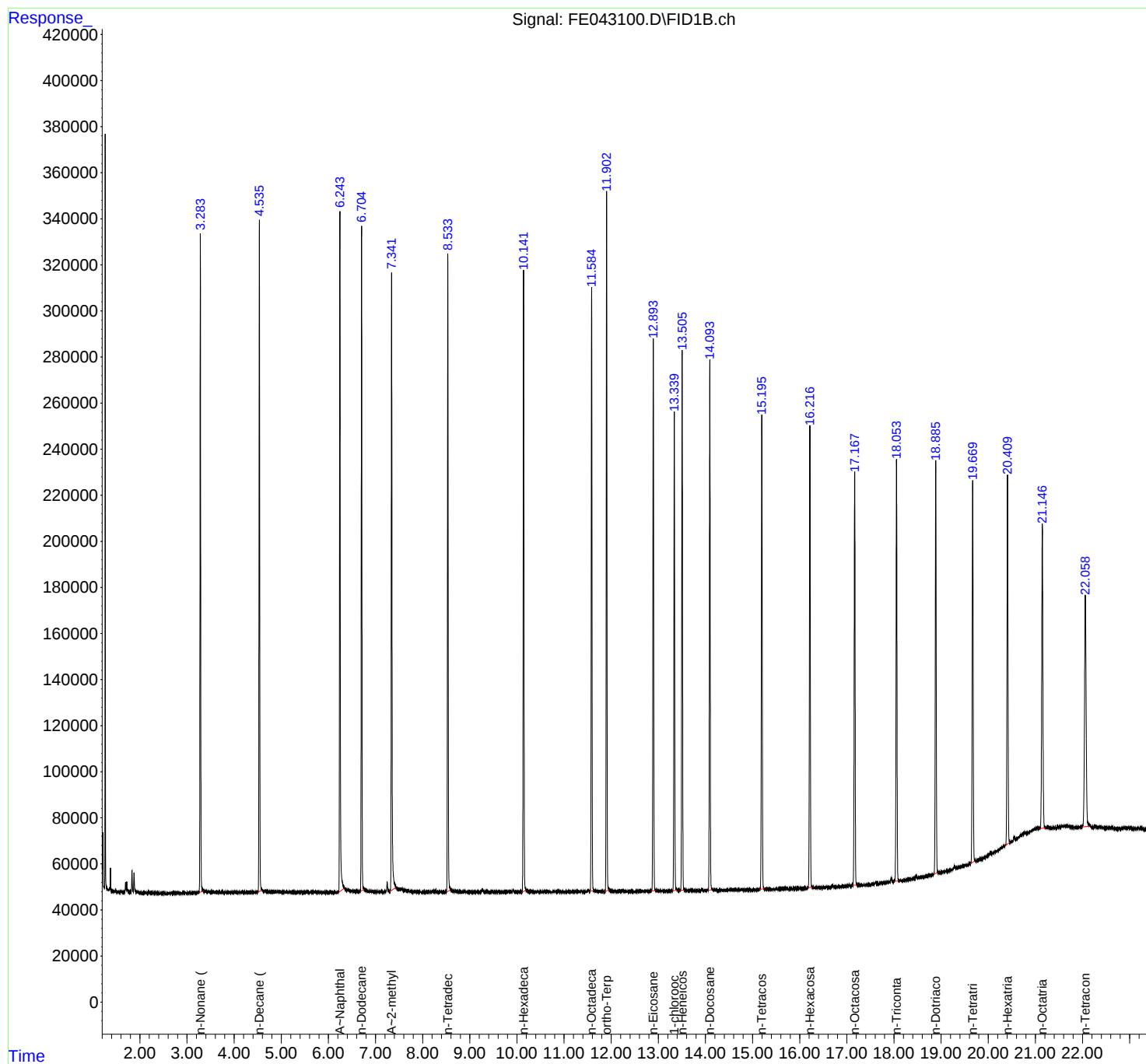
(m)=manual int.

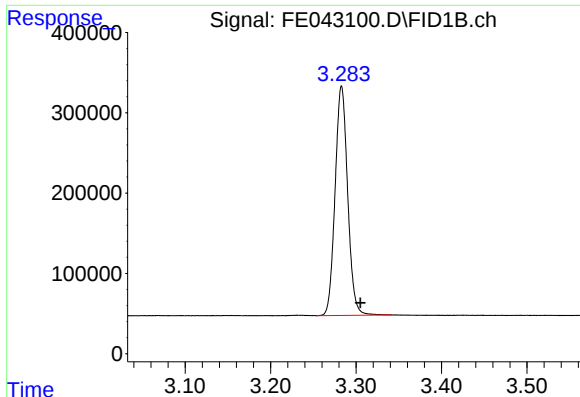
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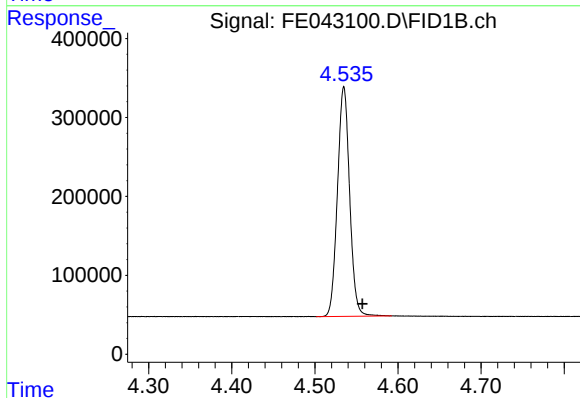




#1 n-Nonane (C9)

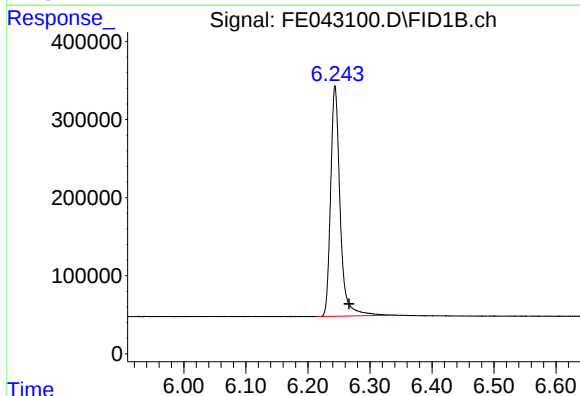
R.T.: 3.283 min
Delta R.T.: -0.022 min
Response: 2919175
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



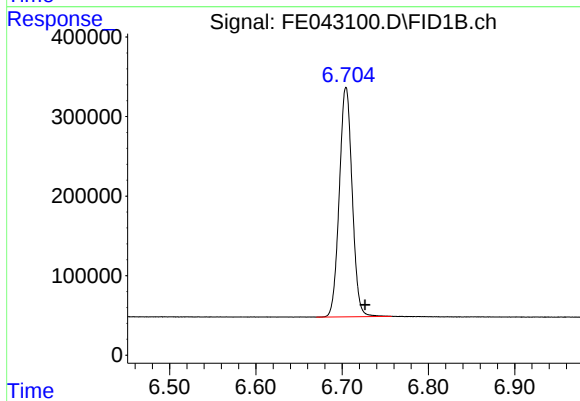
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.022 min
Response: 2964254
Conc: 18.77 ug/ml



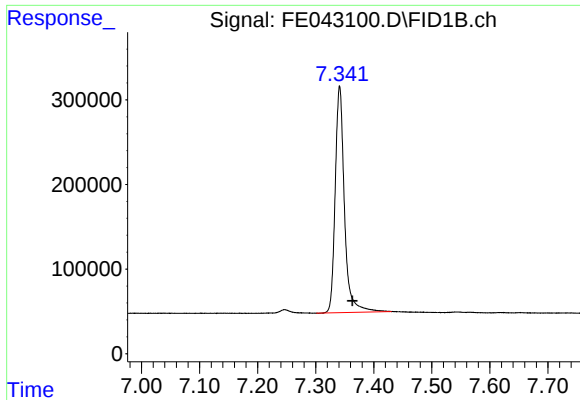
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.023 min
Response: 3135191
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

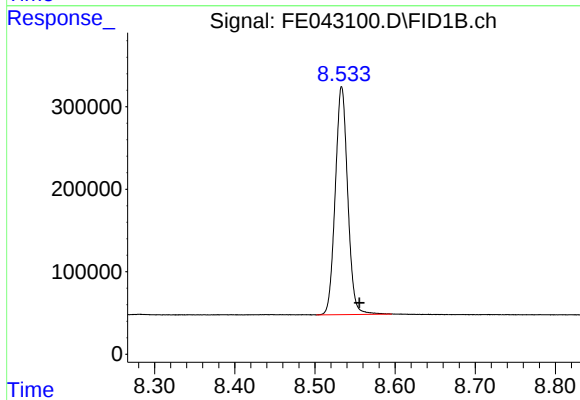
R.T.: 6.705 min
Delta R.T.: -0.022 min
Response: 2987848
Conc: 18.67 ug/ml



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

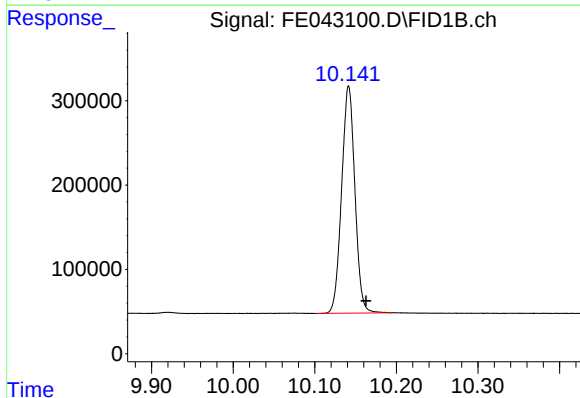
R.T.: 7.341 min
Delta R.T.: -0.022 min
Response: 2969627
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



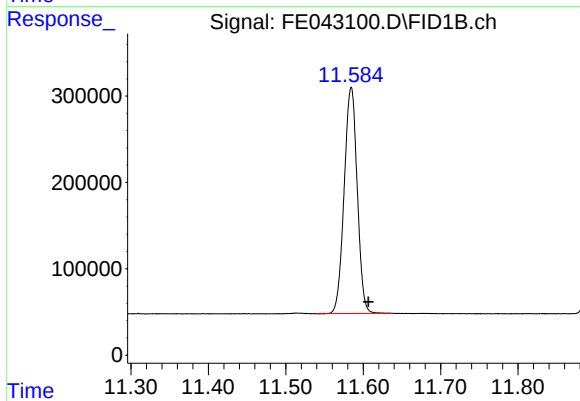
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.022 min
Response: 2981242
Conc: 18.73 ug/ml



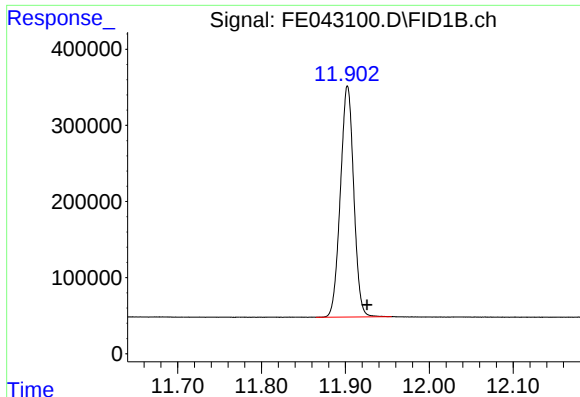
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.022 min
Response: 3049744
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

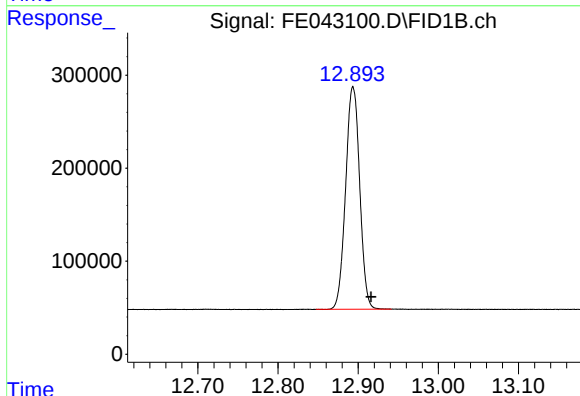
R.T.: 11.585 min
Delta R.T.: -0.022 min
Response: 3071151
Conc: 18.48 ug/ml



#9 ortho-Terphenyl (SURR)

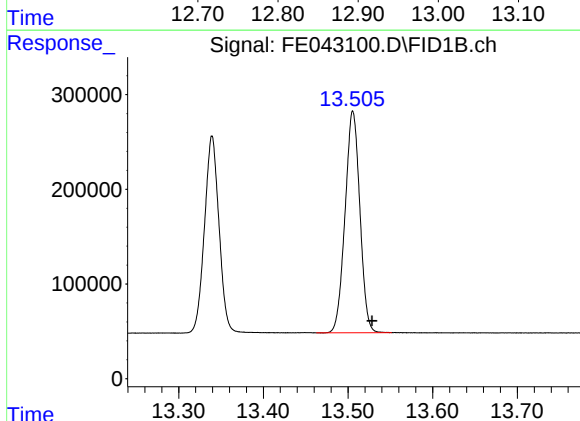
R.T.: 11.903 min
Delta R.T.: -0.023 min
Response: 3364349
Conc: 18.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



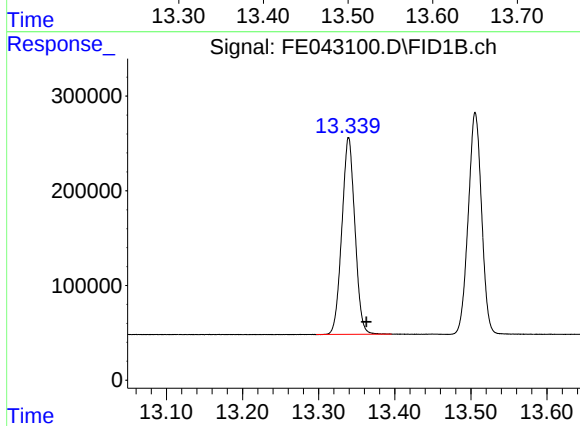
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.023 min
Response: 2917374
Conc: 18.39 ug/ml



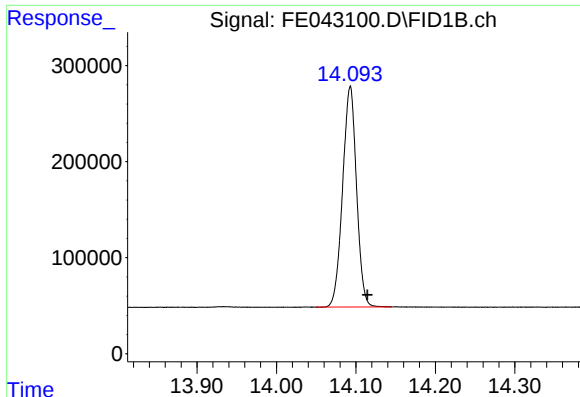
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.023 min
Response: 2846352
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

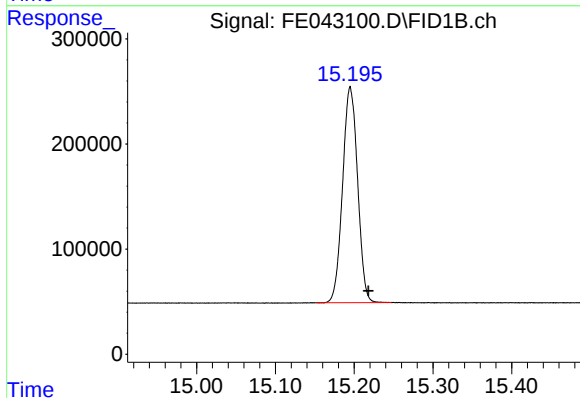
R.T.: 13.339 min
Delta R.T.: -0.023 min
Response: 2473304
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

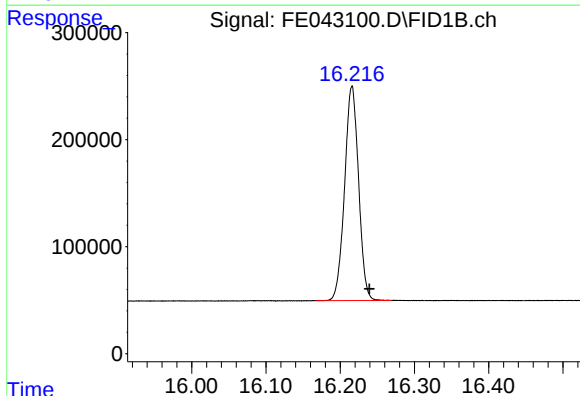
R.T.: 14.093 min
Delta R.T.: -0.022 min
Response: 2795690
Conc: 18.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



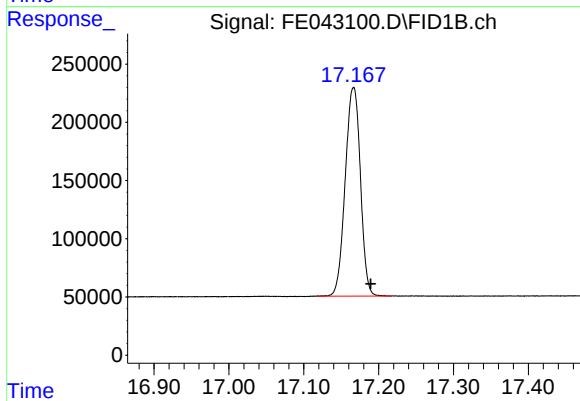
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.023 min
Response: 2717761
Conc: 18.32 ug/ml



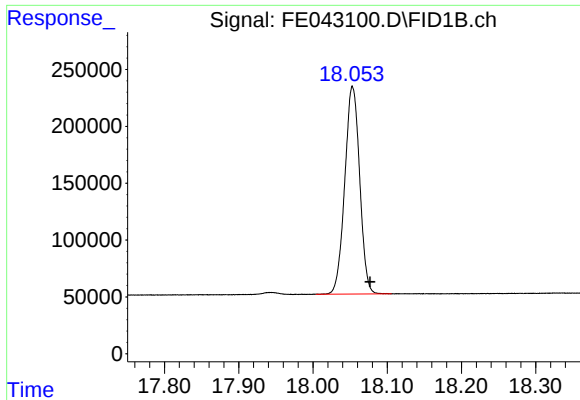
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.024 min
Response: 2619447
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

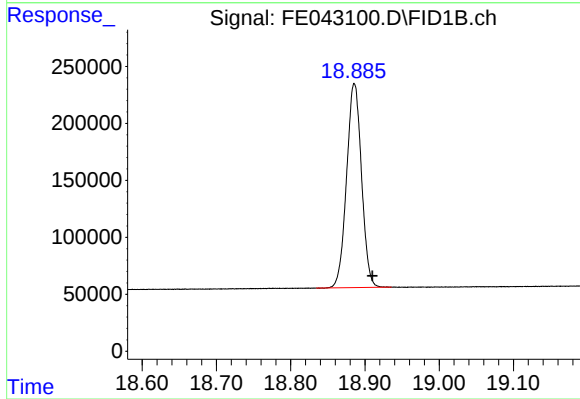
R.T.: 17.167 min
Delta R.T.: -0.023 min
Response: 2528932
Conc: 18.23 ug/ml



#17 n-Tricontane (C30)

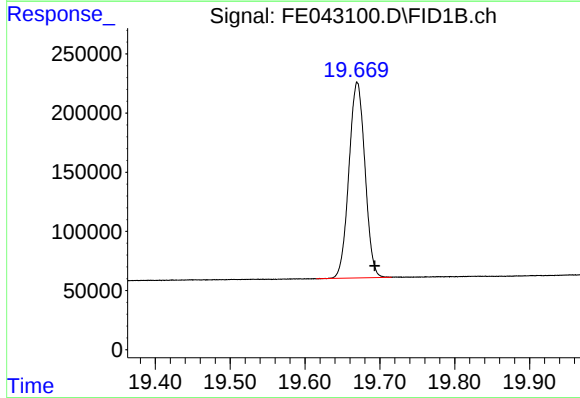
R.T.: 18.053 min
Delta R.T.: -0.024 min
Response: 2545343
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



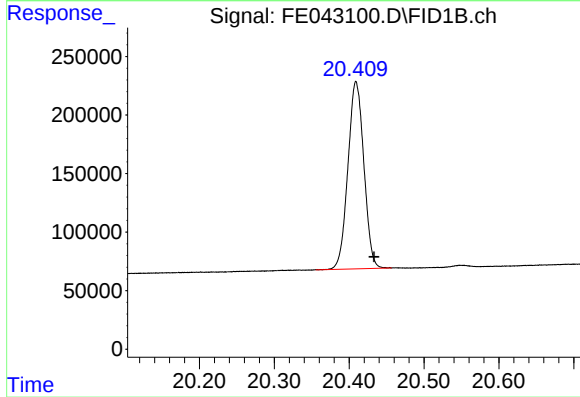
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.024 min
Response: 2503410
Conc: 17.85 ug/ml



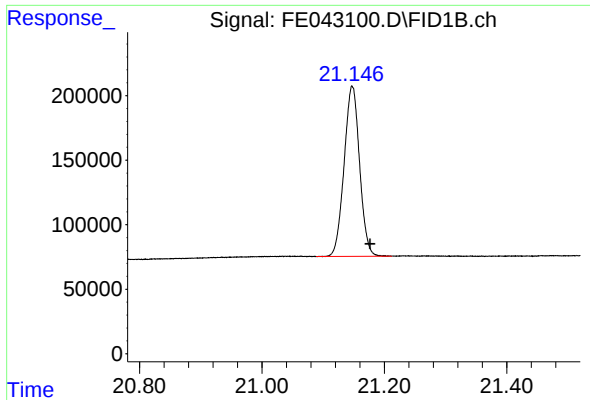
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.023 min
Response: 2460144
Conc: 17.98 ug/ml



#20 n-Hexatriacontane (C36)

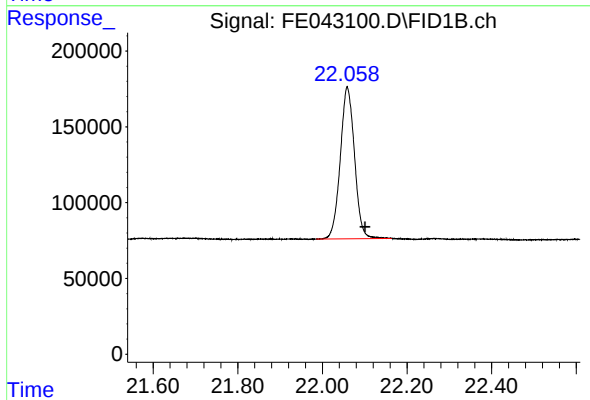
R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2365376
Conc: 17.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.029 min
Response: 2313392
Conc: 16.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.043 min
Response: 2333175
Conc: 16.77 ug/ml