

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037820.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 04:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 28 06:18:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:12:55 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)	11.614	8595739	51.121 ug/ml
Spiked Amount 50.000		Recovery =	102.24%
12) S 1-chlorooctadecane (S...	13.035	6790408	51.201 ug/ml
Spiked Amount 50.000		Recovery =	102.40%
Target Compounds			
1) T n-Nonane (C9)	3.011	7485347	51.197 ug/ml
2) T n-Decane (C10)	4.267	7548568	51.290 ug/ml
3) T A~Naphthalene (C11.7)	5.980	7692305	51.888 ug/ml
4) T n-Dodecane (C12)	6.439	7690528	51.238 ug/ml
5) T A~2-methylnaphthalene...	7.074	7598205	52.760 ug/ml
6) T n-Tetradecane (C14)	8.258	7712594	51.200 ug/ml
7) T n-Hexadecane (C16)	9.857	7818492	51.113 ug/ml
8) T n-Octadecane (C18)	11.292	7958349	51.067 ug/ml
10) T n-Eicosane (C20)	12.594	8046610	51.075 ug/ml
11) T n-Heneicosane (C21)	13.201	8100168	51.056 ug/ml
13) T n-Docosane (C22)	13.784	8109683	51.085 ug/ml
14) T n-Tetracosane (C24)	14.880	8068141	51.070 ug/ml
15) T n-Hexacosane (C26)	15.895	7997126	51.049 ug/ml
16) T n-Octacosane (C28)	16.840	7825777	50.943 ug/ml
17) T n-Tricontane (C30)	17.722	7753843	50.822 ug/ml
18) T n-Dotriacontane (C32)	18.548	7562887	50.684 ug/ml
19) T n-Tetratriacontane (C34)	19.327	7089135	50.595 ug/ml
20) T n-Hexatriacontane (C36)	20.062	6891722	50.505 ug/ml
21) T n-Octatriacontane (C38)	20.761	6534909	50.548 ug/ml
22) T n-Tetracontane (C40)	21.531	6191617	50.590 ug/ml

(f)=RT Delta > 1/2 Window

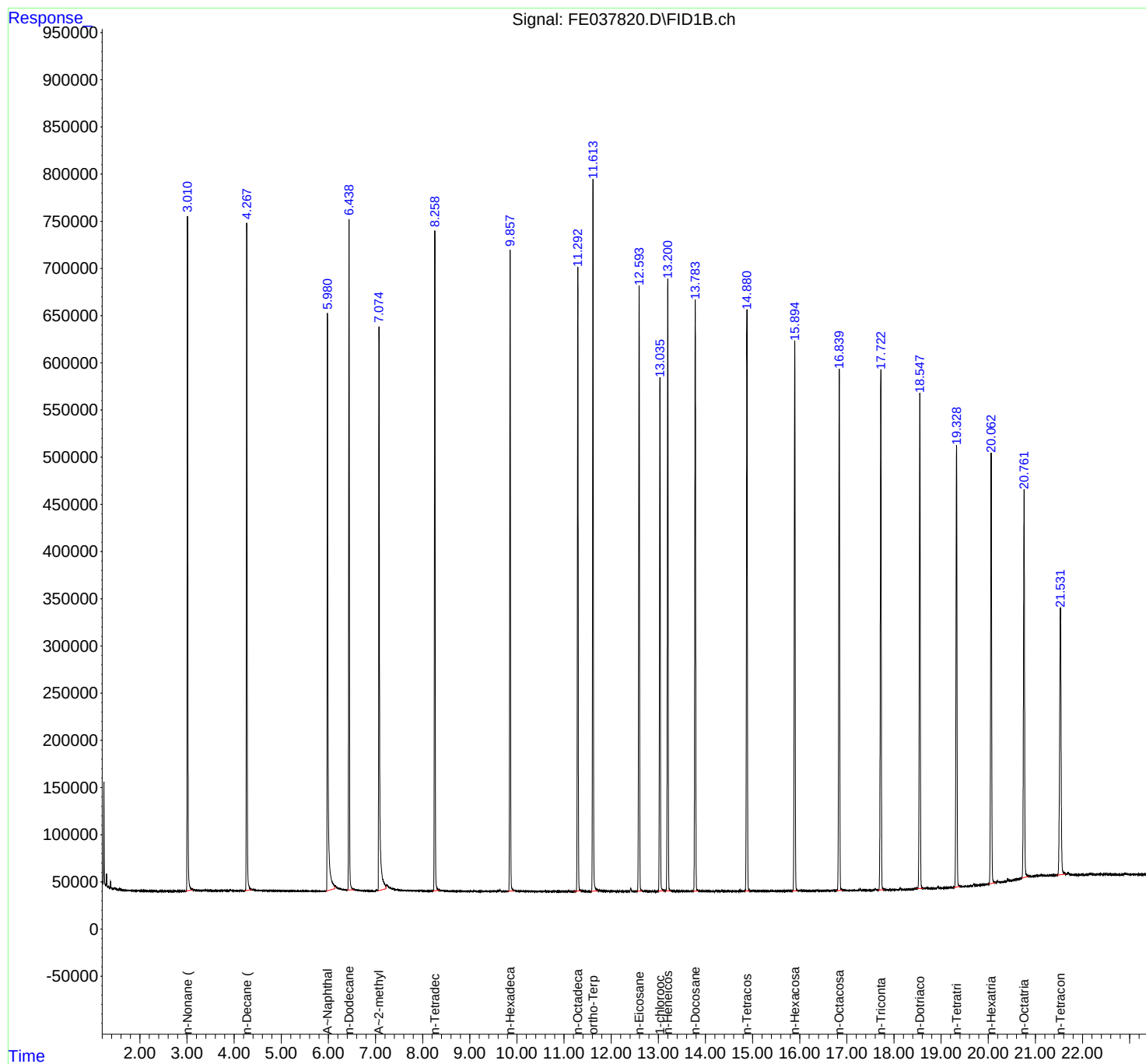
(m)=manual int.

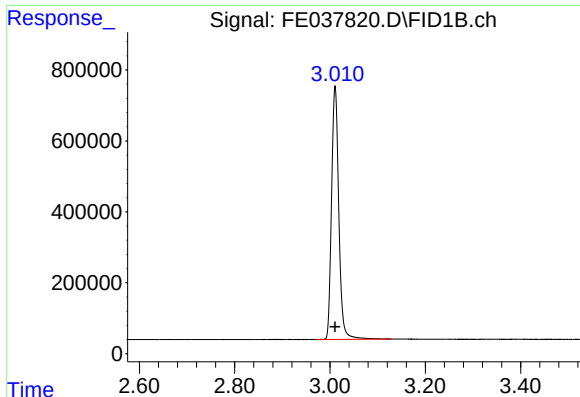
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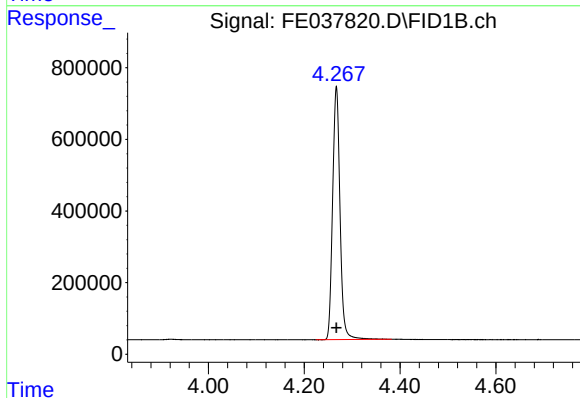




#1 n-Nonane (C9)

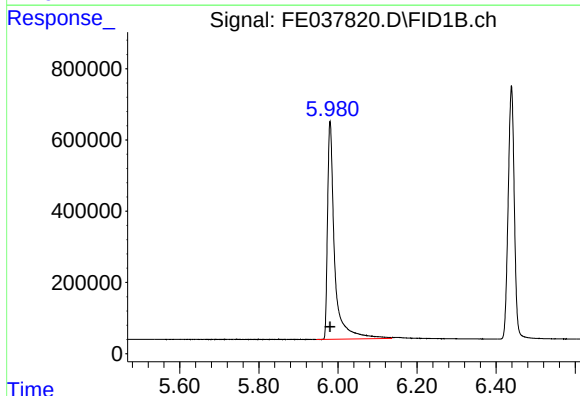
R.T.: 3.011 min
Delta R.T.: 0.000 min
Response: 7485347
Conc: 51.20 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



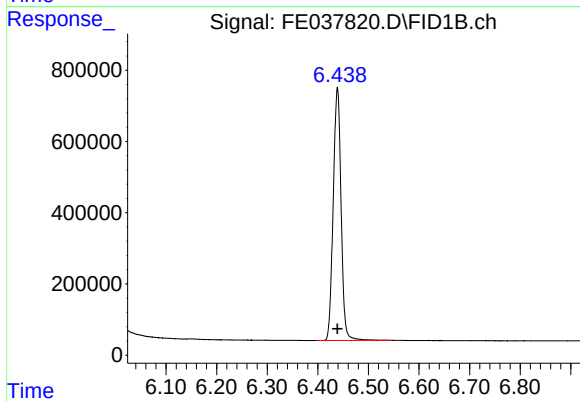
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 7548568
Conc: 51.29 ug/ml



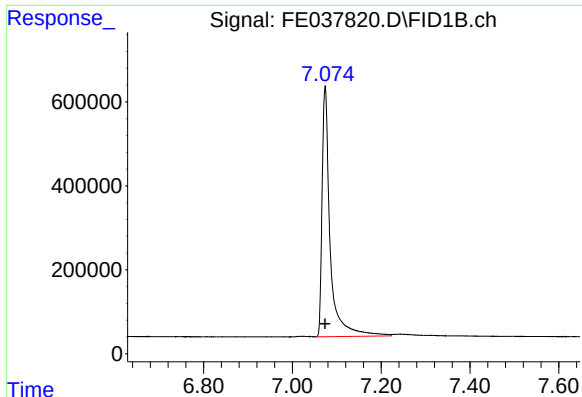
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 7692305
Conc: 51.89 ug/ml



#4 n-Dodecane (C12)

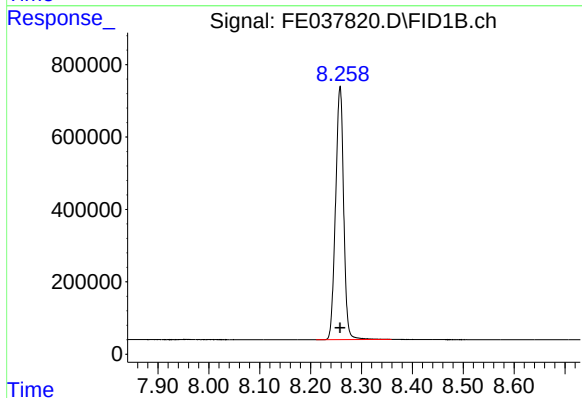
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 7690528
Conc: 51.24 ug/ml



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

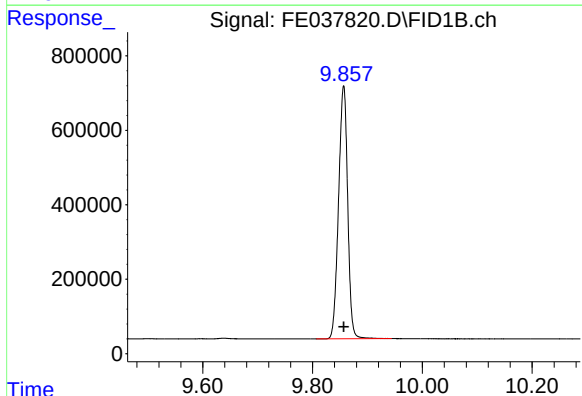
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 7598205
Conc: 52.76 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



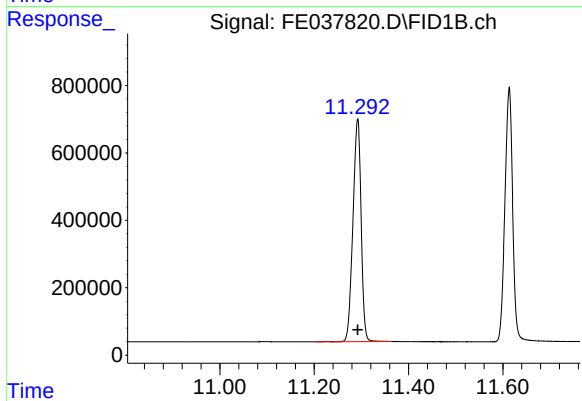
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 7712594
Conc: 51.20 ug/ml



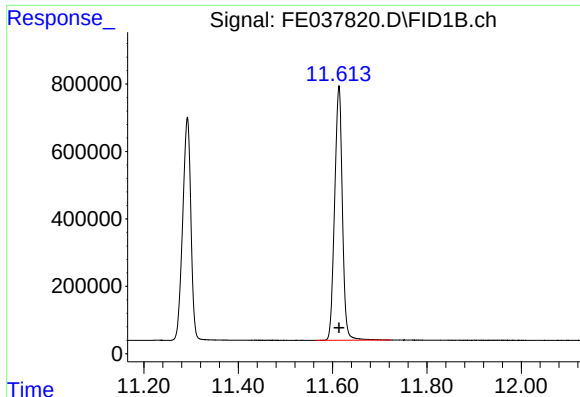
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: 0.000 min
Response: 7818492
Conc: 51.11 ug/ml



#8 n-Octadecane (C18)

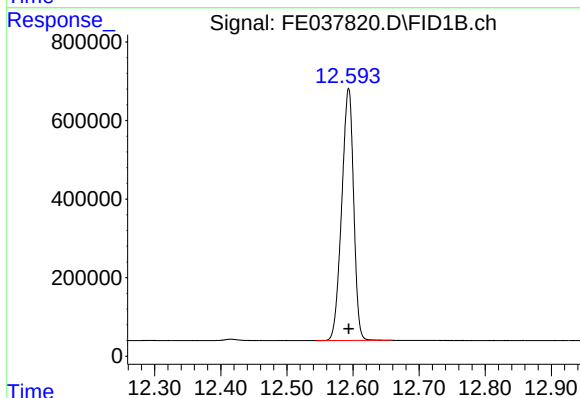
R.T.: 11.292 min
Delta R.T.: 0.000 min
Response: 7958349
Conc: 51.07 ug/ml



#9 ortho-Terphenyl (SURR)

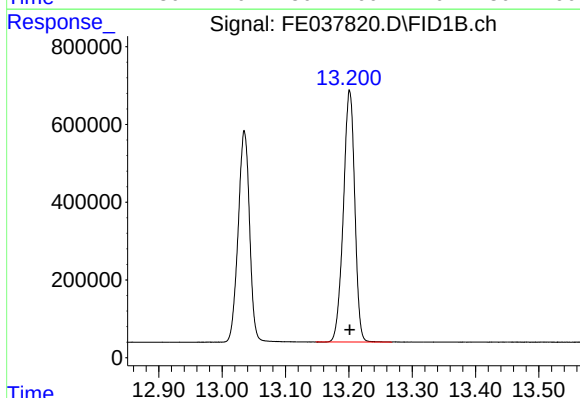
R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 8595739
Conc: 51.12 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



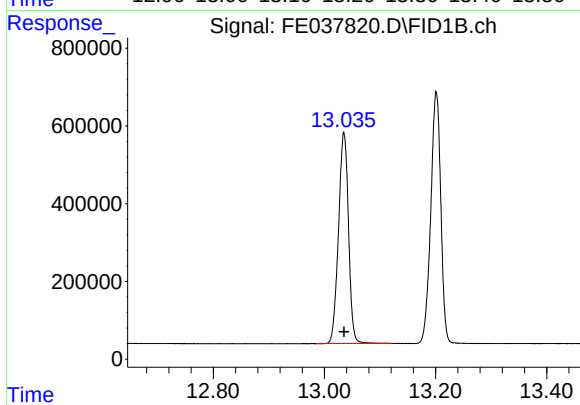
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: 0.000 min
Response: 8046610
Conc: 51.07 ug/ml



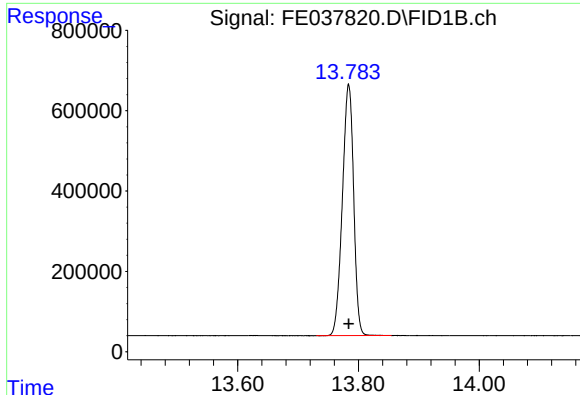
#11 n-Heneicosane (C21)

R.T.: 13.201 min
Delta R.T.: 0.000 min
Response: 8100168
Conc: 51.06 ug/ml



#12 1-chlorooctadecane (SURR)

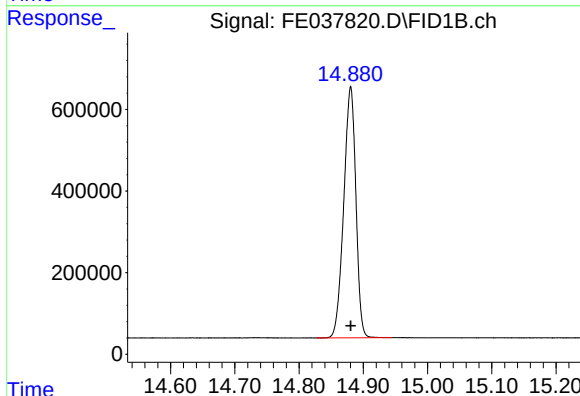
R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 6790408
Conc: 51.20 ug/ml



#13 n-Docosane (C22)

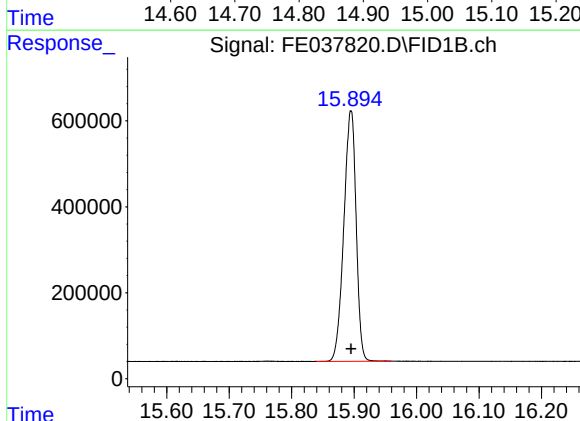
R.T.: 13.784 min
Delta R.T.: 0.000 min
Response: 8109683
Conc: 51.08 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



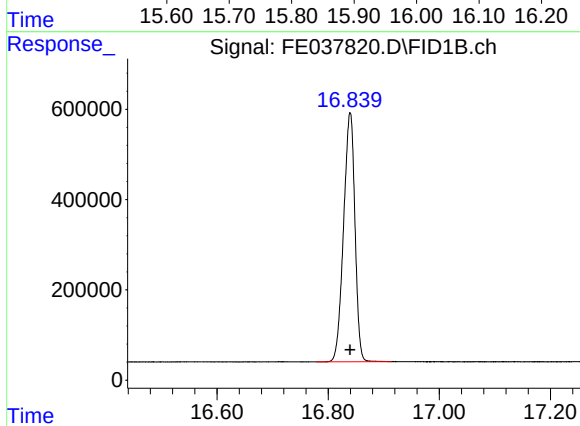
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.000 min
Response: 8068141
Conc: 51.07 ug/ml



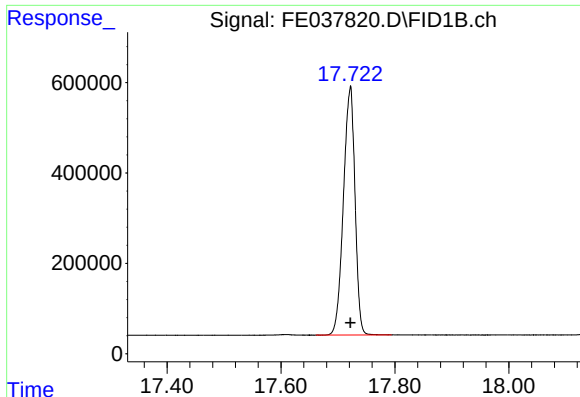
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.000 min
Response: 7997126
Conc: 51.05 ug/ml



#16 n-Octacosane (C28)

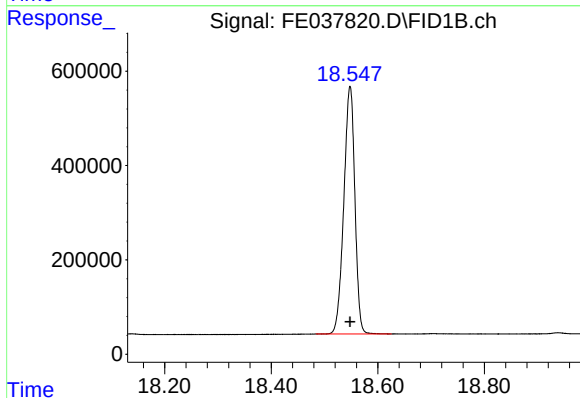
R.T.: 16.840 min
Delta R.T.: 0.000 min
Response: 7825777
Conc: 50.94 ug/ml



#17 n-Tricontane (C30)

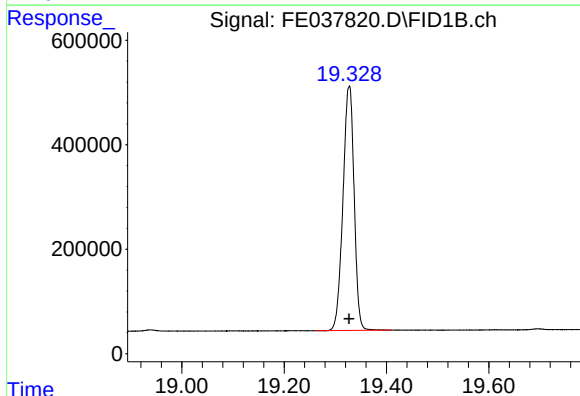
R.T.: 17.722 min
Delta R.T.: 0.000 min
Response: 7753843
Conc: 50.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



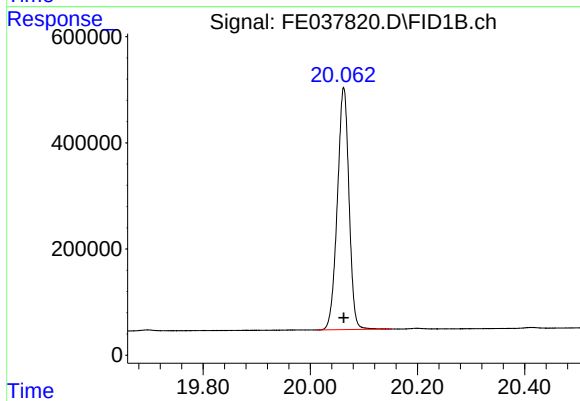
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.000 min
Response: 7562887
Conc: 50.68 ug/ml



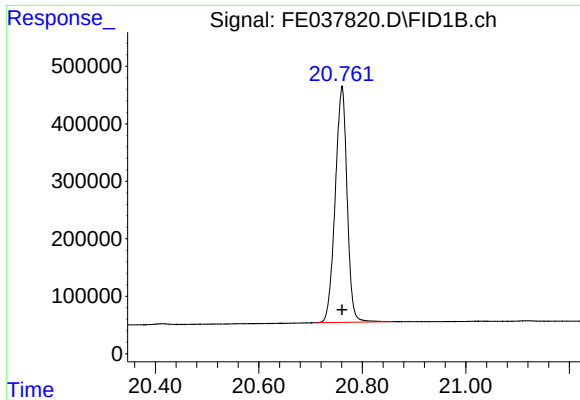
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.000 min
Response: 7089135
Conc: 50.60 ug/ml



#20 n-Hexatriacontane (C36)

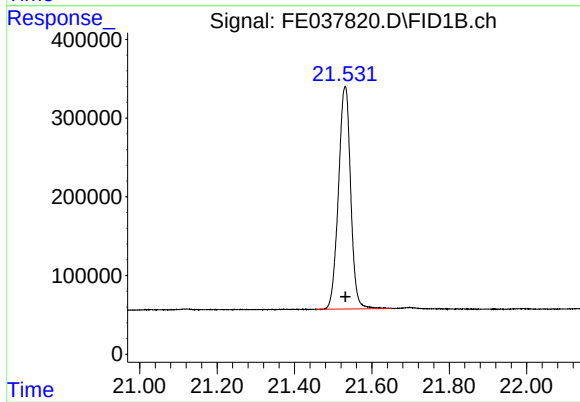
R.T.: 20.062 min
Delta R.T.: 0.000 min
Response: 6891722
Conc: 50.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: 0.000 min
Response: 6534909
Conc: 50.55 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.531 min
Delta R.T.: 0.000 min
Response: 6191617
Conc: 50.59 ug/ml