

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032223AL\
 Data File : FE040962.D
 Signal(s) : FID1B.ch
 Acq On : 23 Mar 2023 01:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 01:53:10 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)	11.865	3545817	18.981 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.303	2761822	18.660 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.264	3119496	20.273 ug/ml
2) T n-Decane (C10)	4.511	3169890	21.070 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3456294	20.838 ug/ml
4) T n-Dodecane (C12)	6.675	3206448	20.945 ug/ml
5) T A~2-methylnaphthalene...	7.310	3147557	20.797 ug/ml
6) T n-Tetradecane (C14)	8.501	3233260	20.920 ug/ml
7) T n-Hexadecane (C16)	10.108	3327453	20.601 ug/ml
8) T n-Octadecane (C18)	11.549	3409873	20.082 ug/ml
10) T n-Eicosane (C20)	12.858	3278098	19.378 ug/ml
11) T n-Heneicosane (C21)	13.471	3253130	18.984 ug/ml
13) T n-Docosane (C22)	14.057	3199001	18.673 ug/ml
14) T n-Tetracosane (C24)	15.161	3146998	18.255 ug/ml
15) T n-Hexacosane (C26)	16.183	3022864	17.786 ug/ml
16) T n-Octacosane (C28)	17.133	3054885	18.216 ug/ml
17) T n-Tricontane (C30)	18.021	3207986	19.647 ug/ml
18) T n-Dotriacontane (C32)	18.855	3337437	19.500 ug/ml
19) T n-Tetratriacontane (C34)	19.639	3164409	20.467 ug/ml
20) T n-Hexatriacontane (C36)	20.380	2814203	19.371 ug/ml
21) T n-Octatriacontane (C38)	21.107	2831801	20.601 ug/ml
22) T n-Tetracontane (C40)	21.993	2889778	18.702 ug/ml

(f)=RT Delta > 1/2 Window

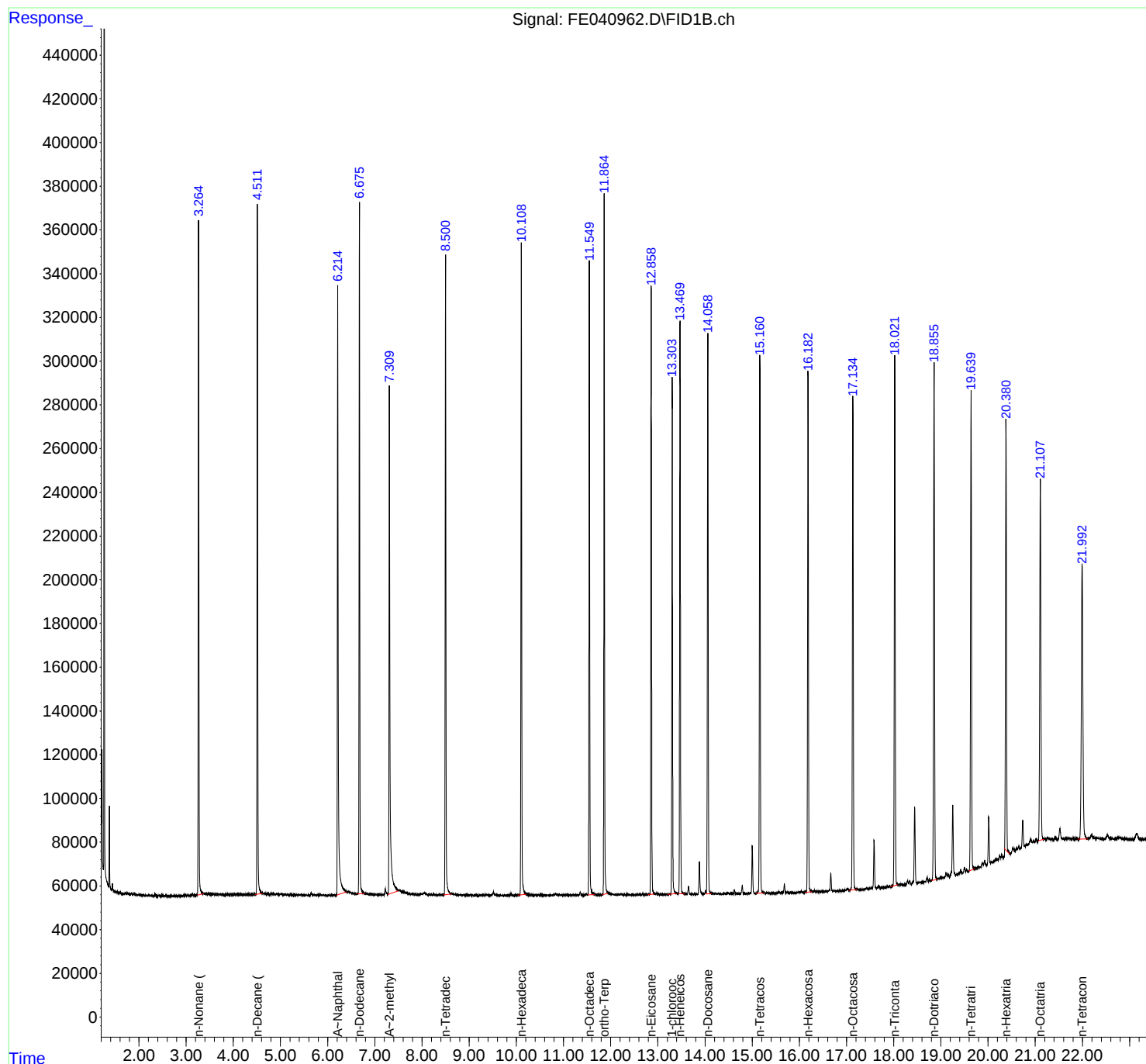
(m)=manual int.

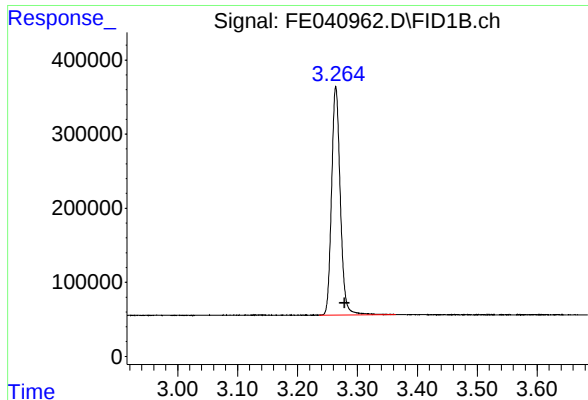
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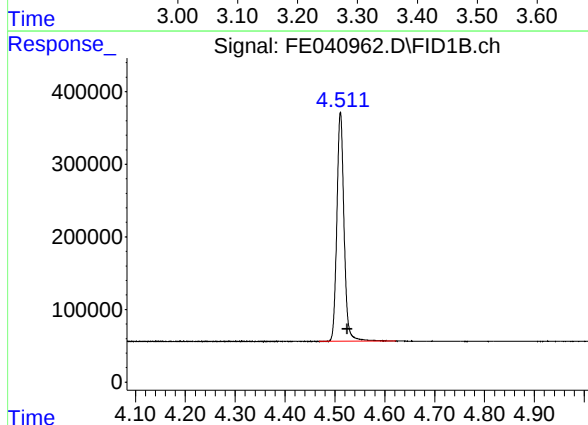




#1 n-Nonane (C9)

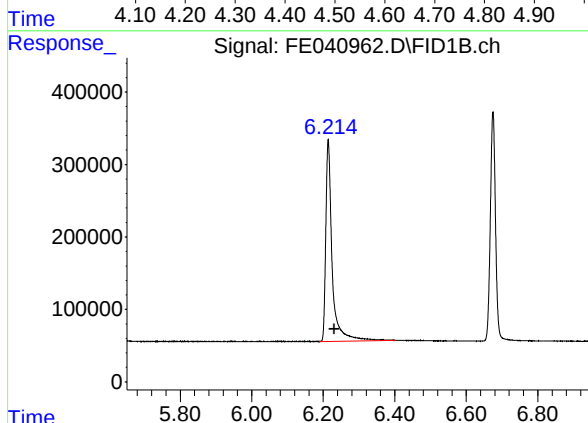
R.T.: 3.264 min
Delta R.T.: -0.015 min
Response: 3119496
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :



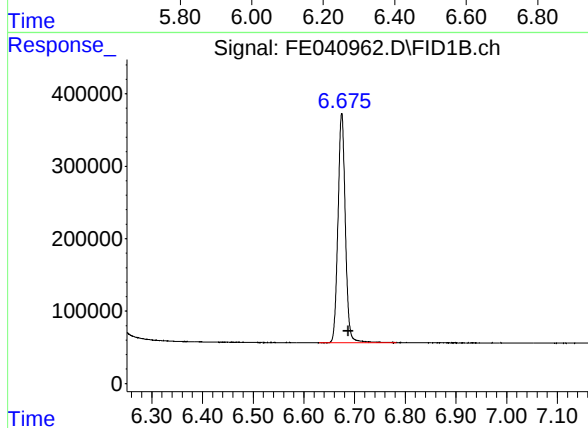
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.014 min
Response: 3169890
Conc: 21.07 ug/ml



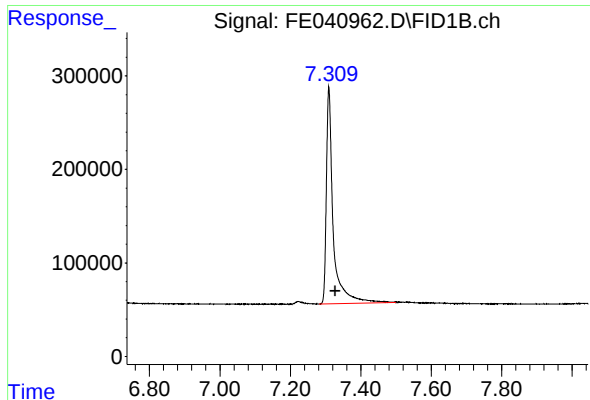
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.017 min
Response: 3456294
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

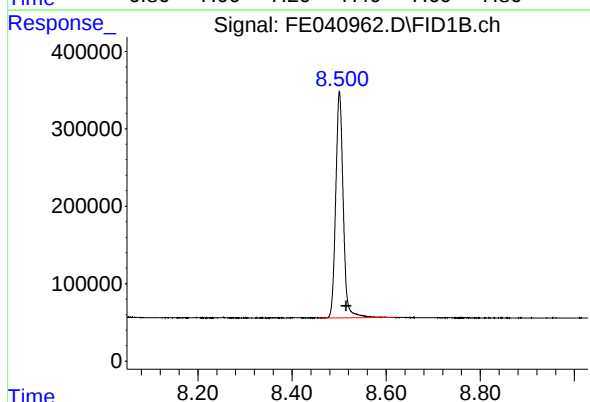
R.T.: 6.675 min
Delta R.T.: -0.013 min
Response: 3206448
Conc: 20.95 ug/ml



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

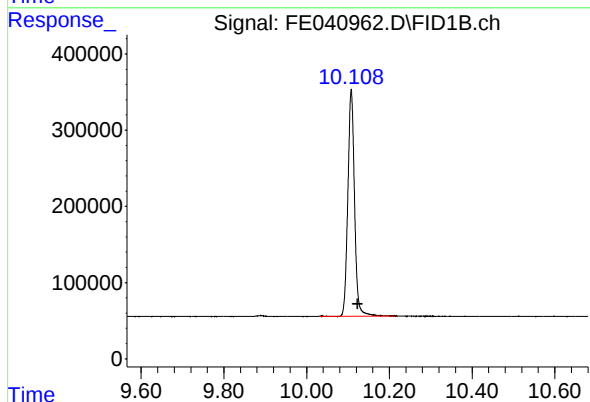
R.T.: 7.310 min
Delta R.T.: -0.019 min
Response: 3147557
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :



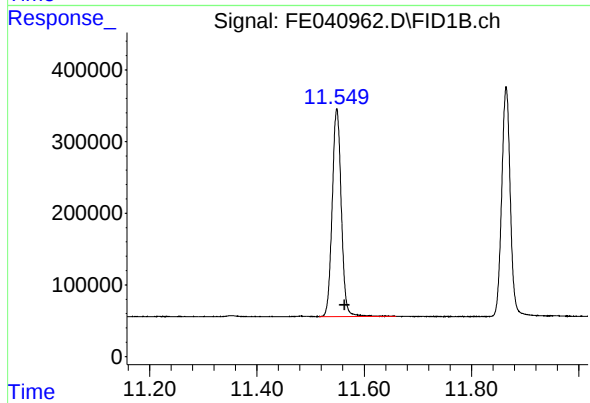
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.014 min
Response: 3233260
Conc: 20.92 ug/ml



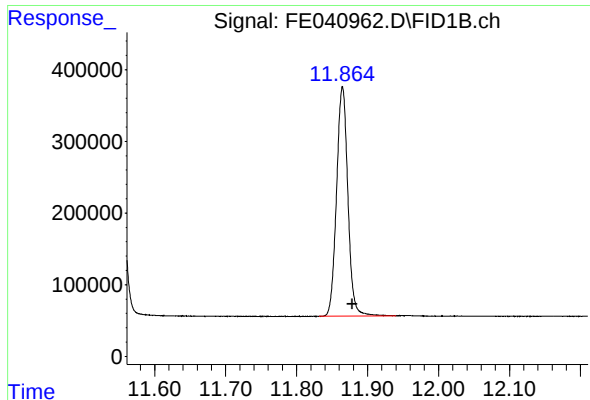
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.015 min
Response: 3327453
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

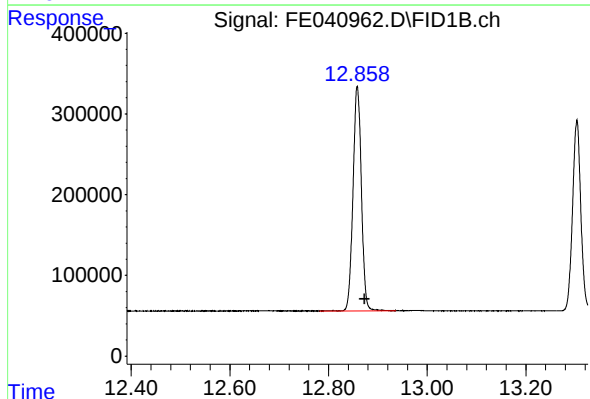
R.T.: 11.549 min
Delta R.T.: -0.014 min
Response: 3409873
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

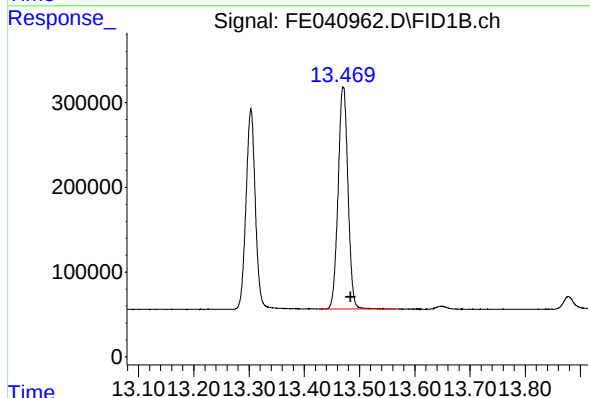
R.T.: 11.865 min
Delta R.T.: -0.014 min
Response: 3545817
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :



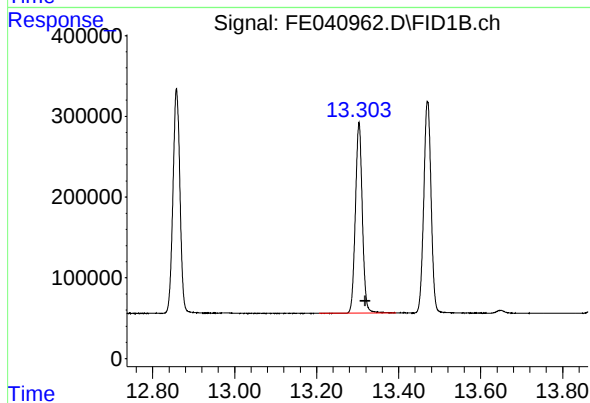
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.015 min
Response: 3278098
Conc: 19.38 ug/ml



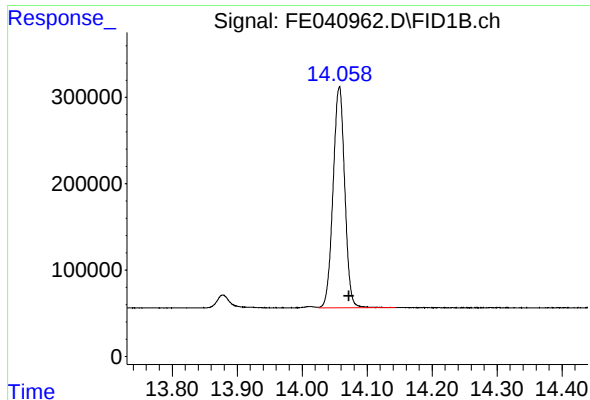
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: -0.014 min
Response: 3253130
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

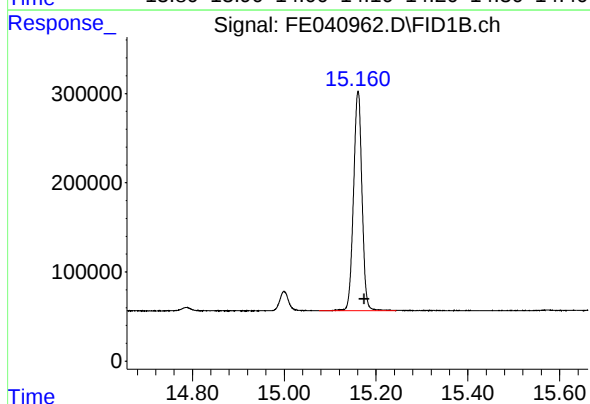
R.T.: 13.303 min
Delta R.T.: -0.015 min
Response: 2761822
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

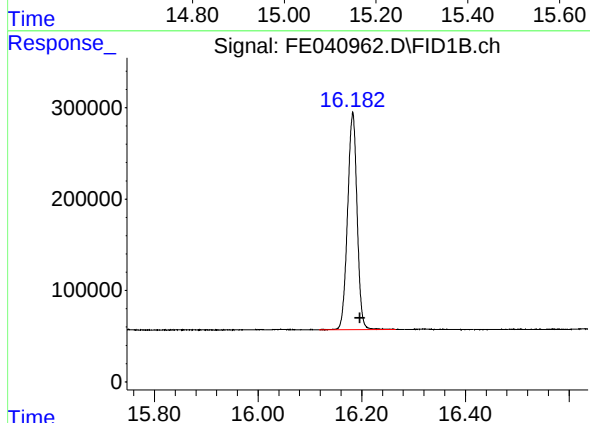
R.T.: 14.057 min
Delta R.T.: -0.014 min
Response: 3199001
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :



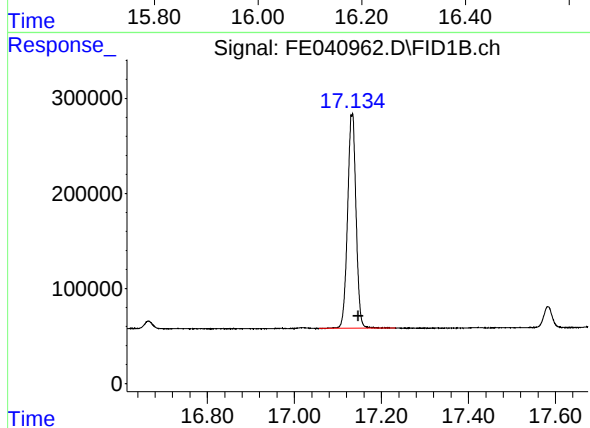
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.013 min
Response: 3146998
Conc: 18.25 ug/ml



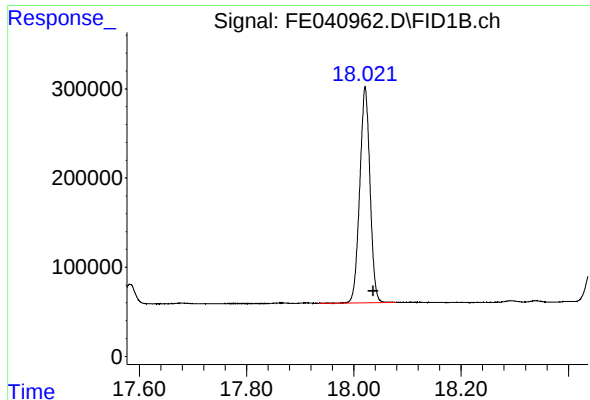
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 3022864
Conc: 17.79 ug/ml



#16 n-Octacosane (C28)

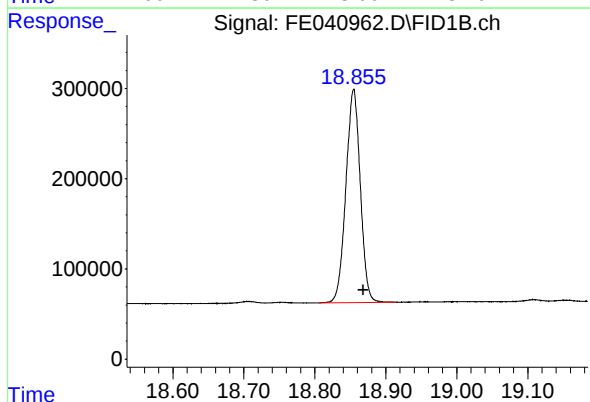
R.T.: 17.133 min
Delta R.T.: -0.014 min
Response: 3054885
Conc: 18.22 ug/ml



#17 n-Tricontane (C30)

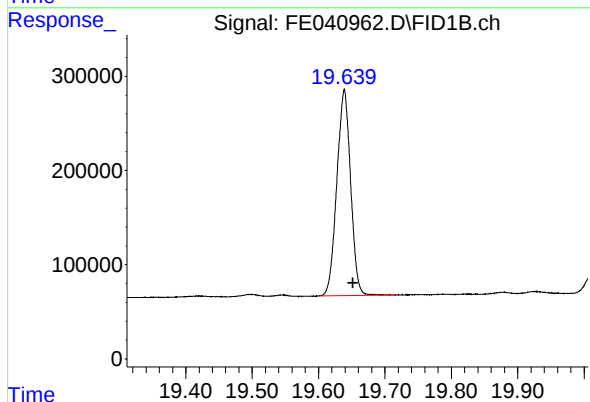
R.T.: 18.021 min
Delta R.T.: -0.015 min
Response: 3207986
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :



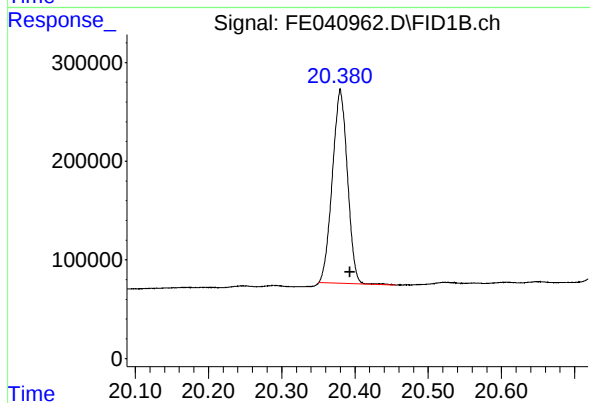
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.013 min
Response: 3337437
Conc: 19.50 ug/ml



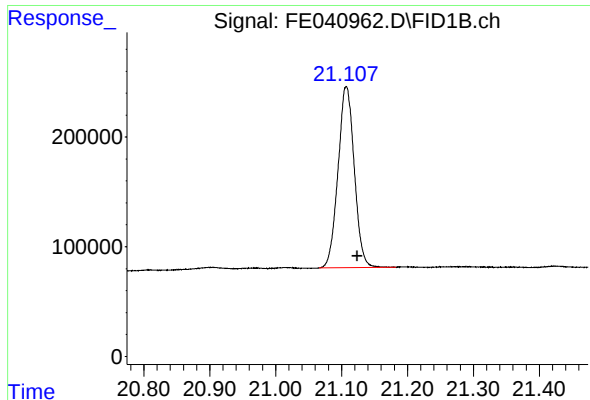
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.013 min
Response: 3164409
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

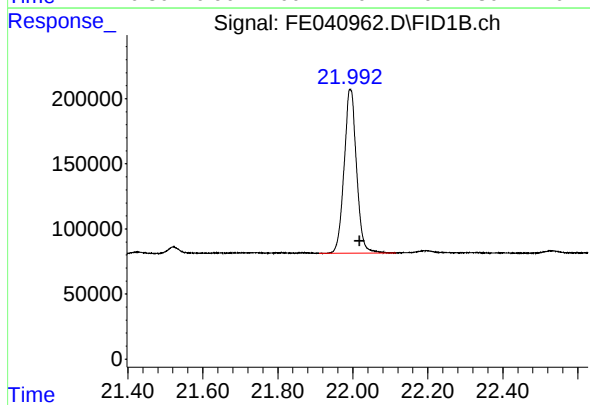
R.T.: 20.380 min
Delta R.T.: -0.013 min
Response: 2814203
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.017 min
Response: 2831801
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.026 min
Response: 2889778
Conc: 18.70 ug/ml