

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032323AL\
 Data File : FE040991.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 01:50
 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 24 02:56:36 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

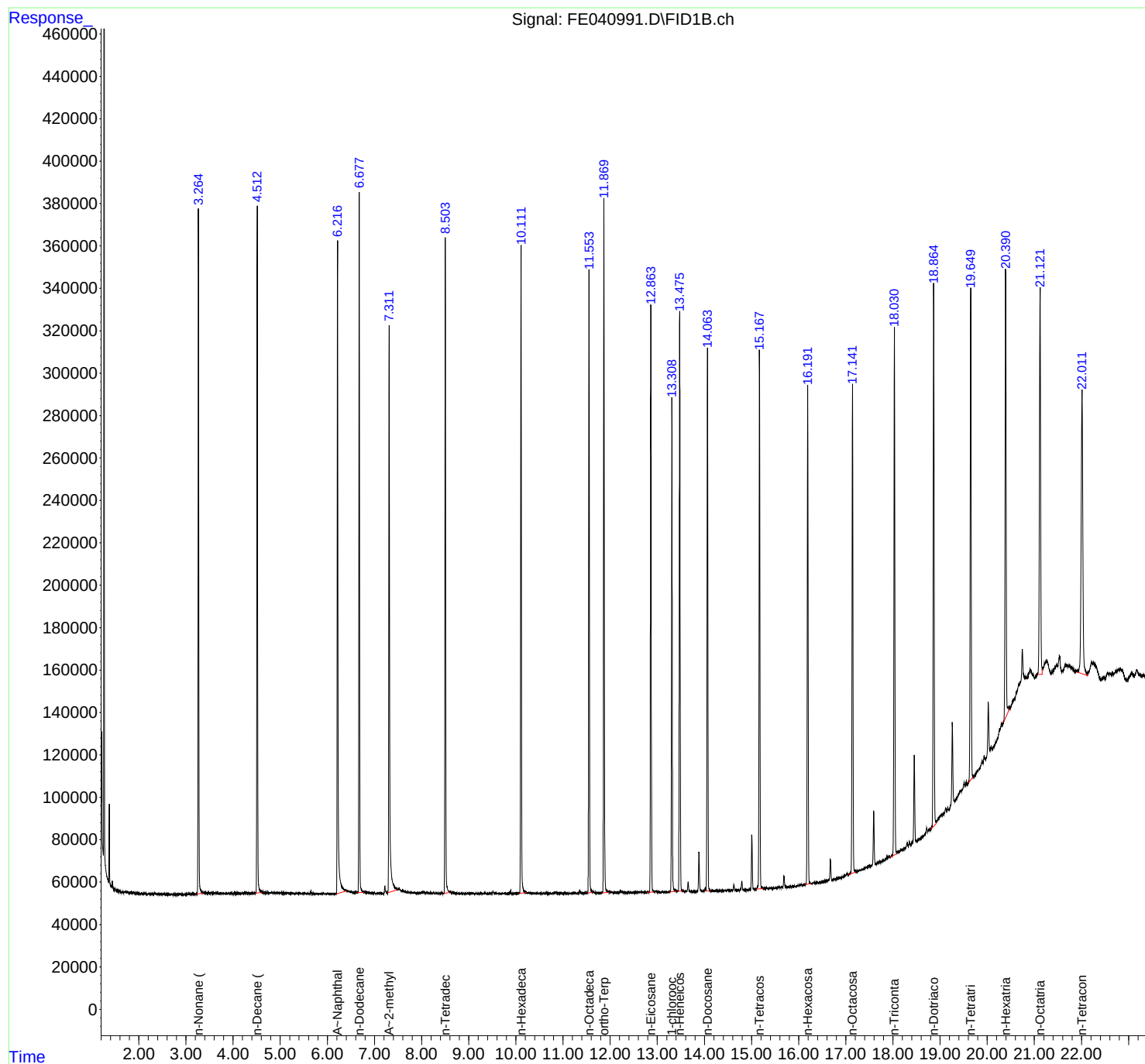
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.870	3604443	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.309	2761644	18.659 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.265	3193904	20.757 ug/ml
2) T n-Decane (C10)	4.512	3259348	21.664 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3561750	21.473 ug/ml
4) T n-Dodecane (C12)	6.677	3301188	21.564 ug/ml
5) T A~2-methylnaphthalene...	7.312	3250212	21.476 ug/ml
6) T n-Tetradecane (C14)	8.504	3311150	21.424 ug/ml
7) T n-Hexadecane (C16)	10.111	3400746	21.055 ug/ml
8) T n-Octadecane (C18)	11.554	3415326	20.114 ug/ml
10) T n-Eicosane (C20)	12.864	3276663	19.369 ug/ml
11) T n-Heneicosane (C21)	13.476	3231820	18.860 ug/ml
13) T n-Docosane (C22)	14.063	3183236	18.581 ug/ml
14) T n-Tetracosane (C24)	15.167	3147735	18.259 ug/ml
15) T n-Hexacosane (C26)	16.190	3054897	17.974 ug/ml
16) T n-Octacosane (C28)	17.141	3145761	18.758 ug/ml
17) T n-Tricontane (C30)	18.030	3386487	20.740 ug/ml
18) T n-Dotriacontane (C32)	18.864	3571660	20.869 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3401018	21.998 ug/ml
20) T n-Hexatriacontane (C36)	20.391	3225130	22.199 ug/ml
21) T n-Octatriacontane (C38)	21.121	3145961	22.887 ug/ml
22) T n-Tetracontane (C40)	22.012	3312618	21.438 ug/ml

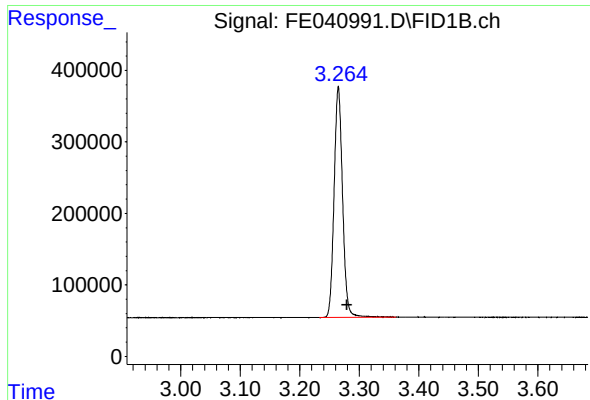
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :

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

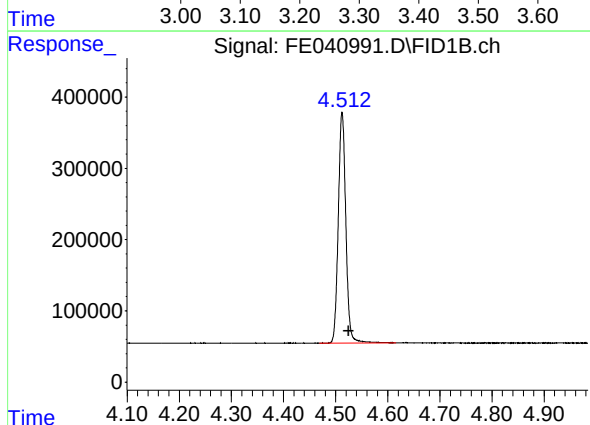




#1 n-Nonane (C9)

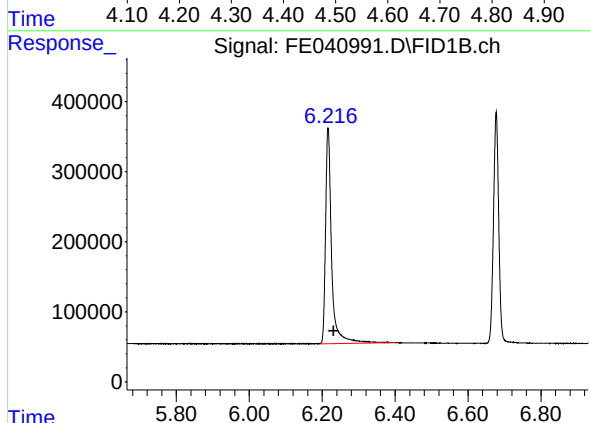
R.T.: 3.265 min
Delta R.T.: -0.014 min
Response: 3193904
Conc: 20.76 ug/ml

Instrument :
FID_E
ClientSampleId :



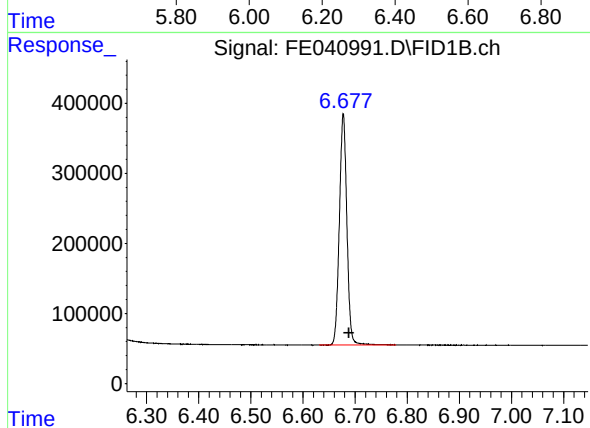
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.013 min
Response: 3259348
Conc: 21.66 ug/ml



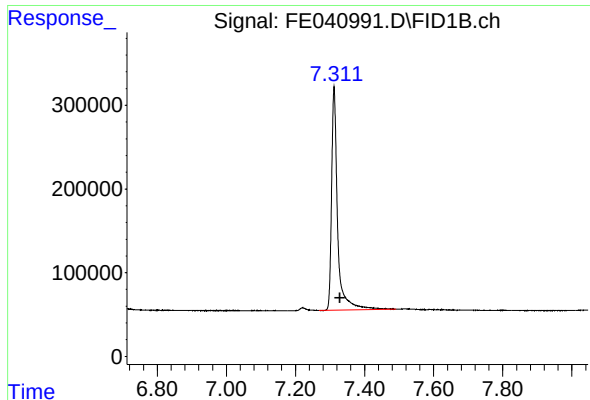
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.015 min
Response: 3561750
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

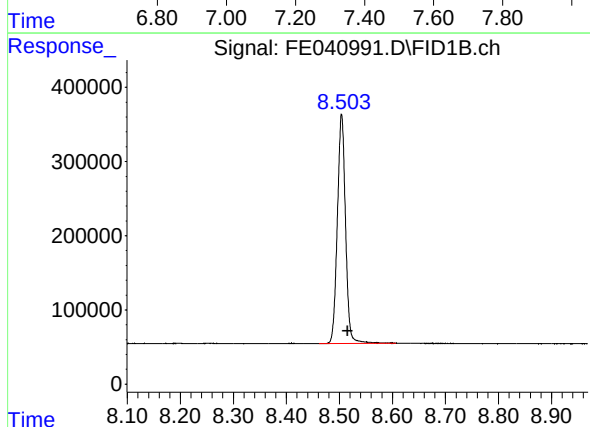
R.T.: 6.677 min
Delta R.T.: -0.010 min
Response: 3301188
Conc: 21.56 ug/ml



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

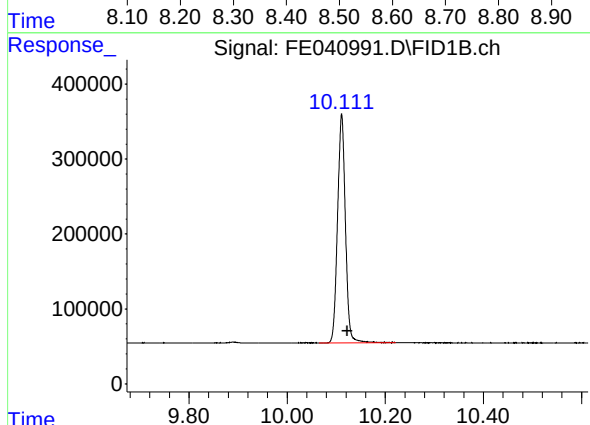
R.T.: 7.312 min
Delta R.T.: -0.017 min
Response: 3250212
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :



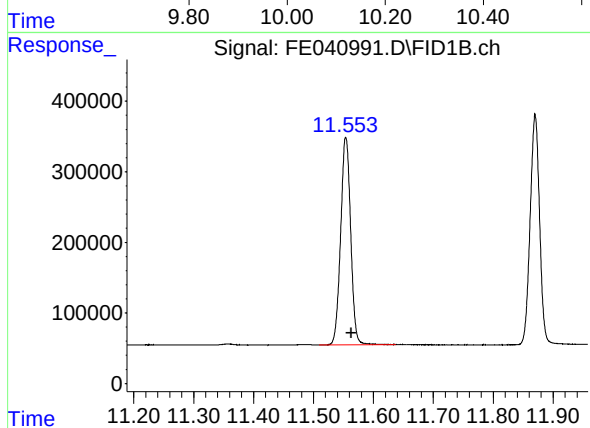
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.011 min
Response: 3311150
Conc: 21.42 ug/ml



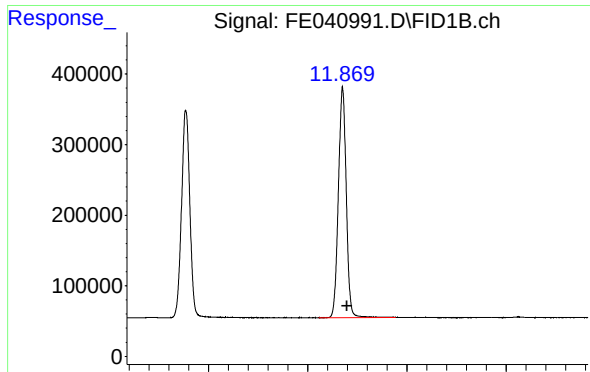
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.011 min
Response: 3400746
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

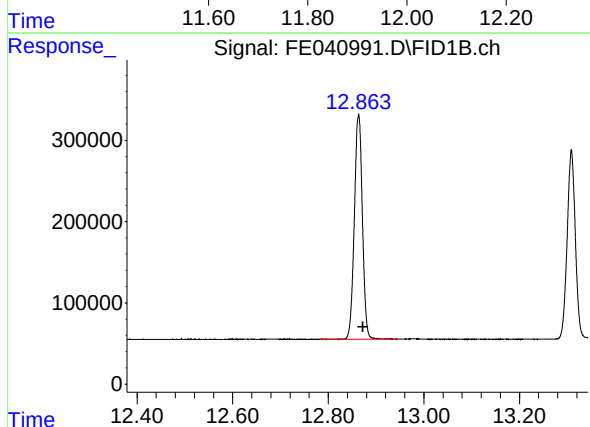
R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 3415326
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

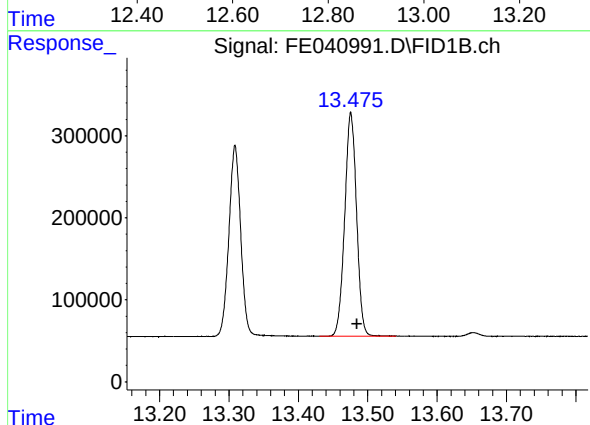
R.T.: 11.870 min
Delta R.T.: -0.009 min
Response: 3604443
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



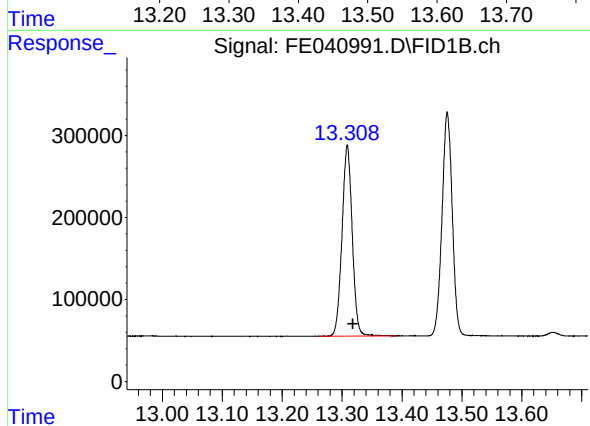
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.009 min
Response: 3276663
Conc: 19.37 ug/ml



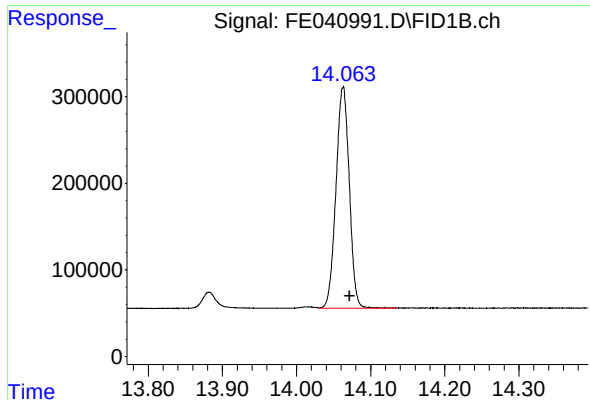
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.009 min
Response: 3231820
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

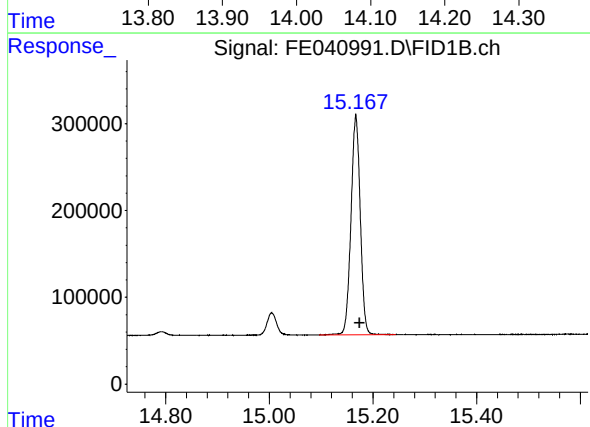
R.T.: 13.309 min
Delta R.T.: -0.009 min
Response: 2761644
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

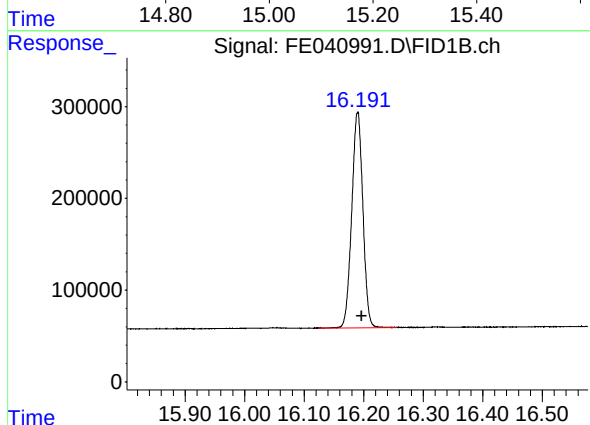
R.T.: 14.063 min
Delta R.T.: -0.009 min
Response: 3183236
Conc: 18.58 ug/ml

Instrument :
FID_E
ClientSampleId :



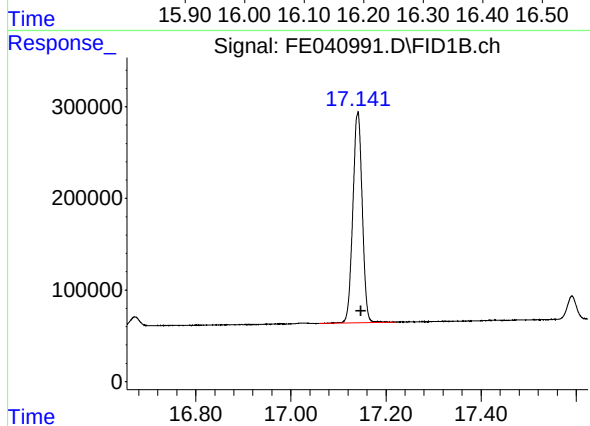
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.007 min
Response: 3147735
Conc: 18.26 ug/ml



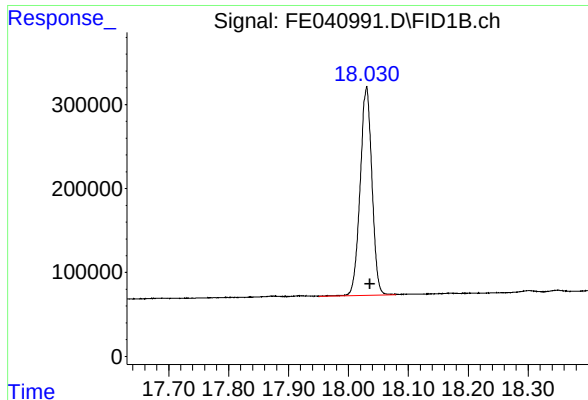
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 3054897
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

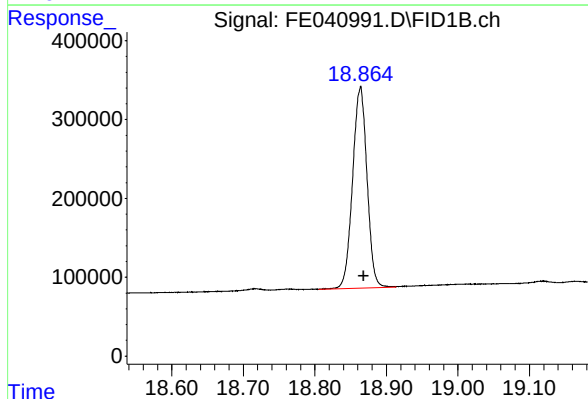
R.T.: 17.141 min
Delta R.T.: -0.006 min
Response: 3145761
Conc: 18.76 ug/ml



#17 n-Tricontane (C30)

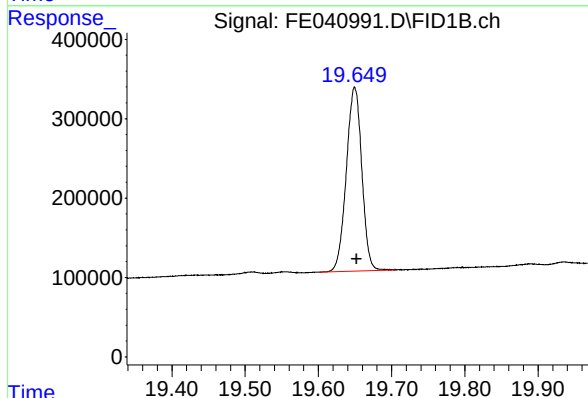
R.T.: 18.030 min
Delta R.T.: -0.006 min
Response: 3386487
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :



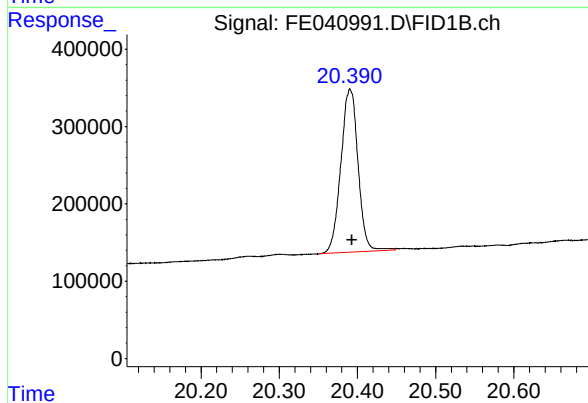
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.004 min
Response: 3571660
Conc: 20.87 ug/ml



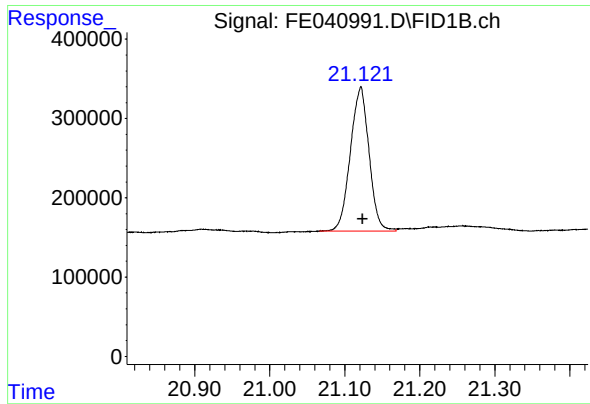
#19 n-Tetatriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.002 min
Response: 3401018
Conc: 22.00 ug/ml



#20 n-Hexatriacontane (C36)

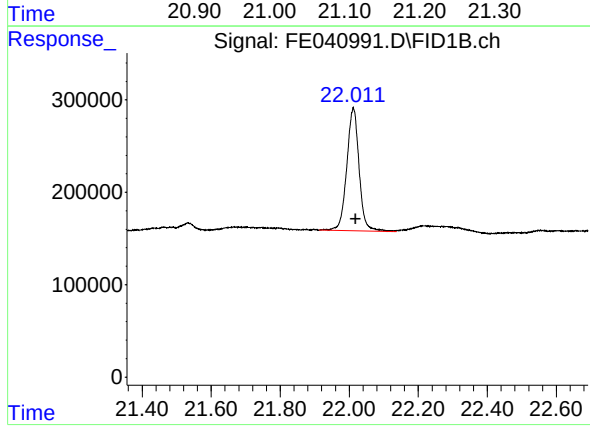
R.T.: 20.391 min
Delta R.T.: -0.003 min
Response: 3225130
Conc: 22.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.002 min
Response: 3145961
Conc: 22.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.007 min
Response: 3312618
Conc: 21.44 ug/ml