

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
 Data File : FE045192.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2023 00:28
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 04 05:11:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:09:59 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)	11.897	17172073	92.864 ug/ml
Spiked Amount 50.000		Recovery =	185.73%
12) S 1-chlorooctadecane (S...	13.336	12585150	93.503 ug/ml
Spiked Amount 50.000		Recovery =	187.01%
Target Compounds			
1) T n-Nonane (C9)	3.279	15056224	93.356 ug/ml
2) T n-Decane (C10)	4.531	15338516	93.255 ug/ml
3) T A~Naphthalene (C11.7)	6.231	16514743	93.890 ug/ml
4) T n-Dodecane (C12)	6.697	15504184	93.251 ug/ml
5) T A~2-methylnaphthalene...	7.329	16074396	94.211 ug/ml
6) T n-Tetradecane (C14)	8.524	15295301	93.494 ug/ml
7) T n-Hexadecane (C16)	10.134	15347715	93.263 ug/ml
8) T n-Octadecane (C18)	11.582	15079126	92.927 ug/ml
10) T n-Eicosane (C20)	12.892	14260566	92.860 ug/ml
11) T n-Heneicosane (C21)	13.505	13872541	92.951 ug/ml
13) T n-Docosane (C22)	14.092	13619804	92.665 ug/ml
14) T n-Tetracosane (C24)	15.196	13321163	92.132 ug/ml
15) T n-Hexacosane (C26)	16.219	13076874	91.963 ug/ml
16) T n-Octacosane (C28)	17.171	12954996	91.340 ug/ml
17) T n-Tricontane (C30)	18.060	13268085	90.607 ug/ml
18) T n-Dotriacontane (C32)	18.895	13487698	90.179 ug/ml
19) T n-Tetratriacontane (C34)	19.681	13702177	91.037 ug/ml
20) T n-Hexatriacontane (C36)	20.425	14303616	91.496 ug/ml
21) T n-Octatriacontane (C38)	21.165	14722097	92.076 ug/ml
22) T n-Tetracontane (C40)	22.082	14917978	91.099 ug/ml

(f)=RT Delta > 1/2 Window

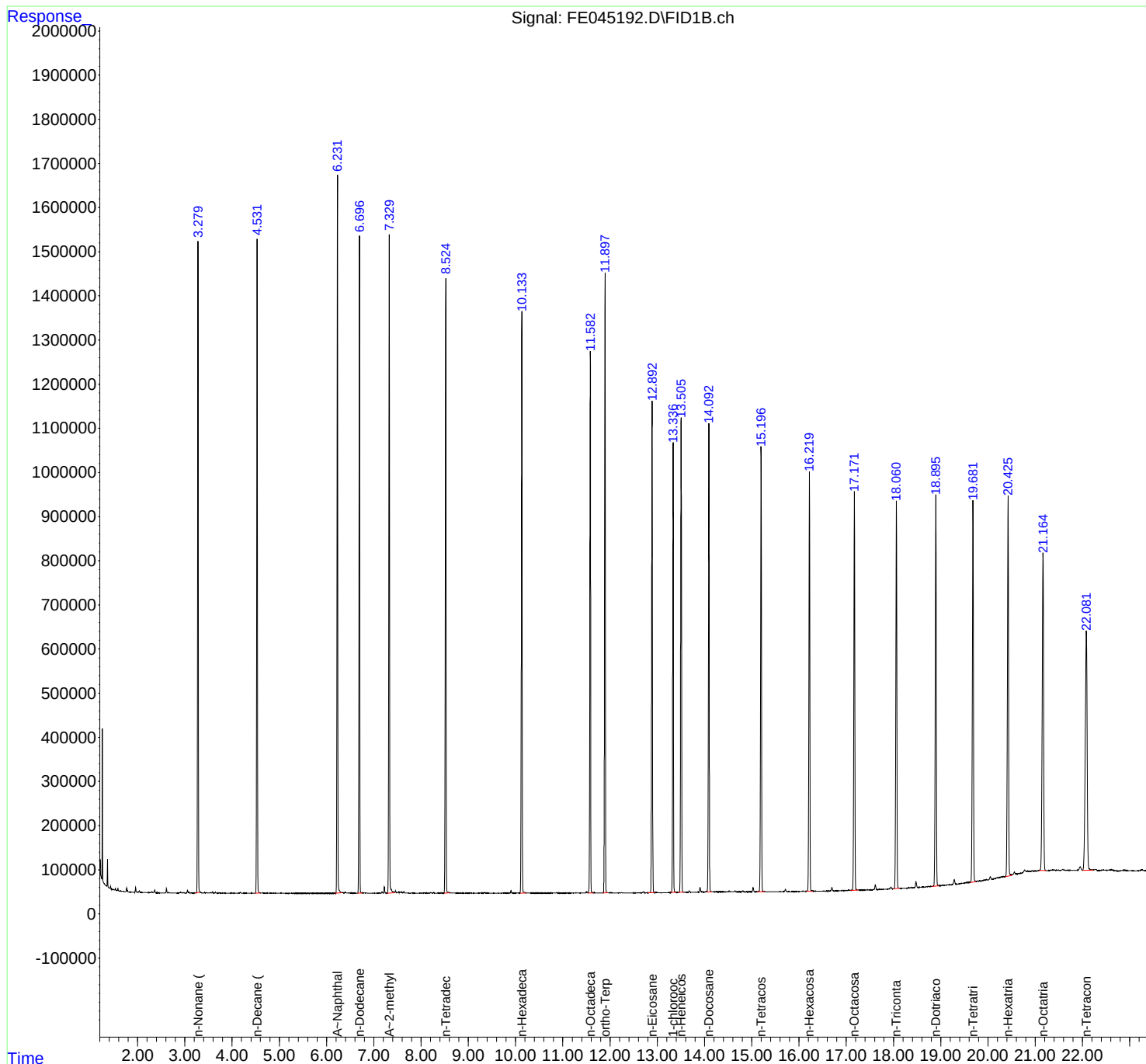
(m)=manual int.

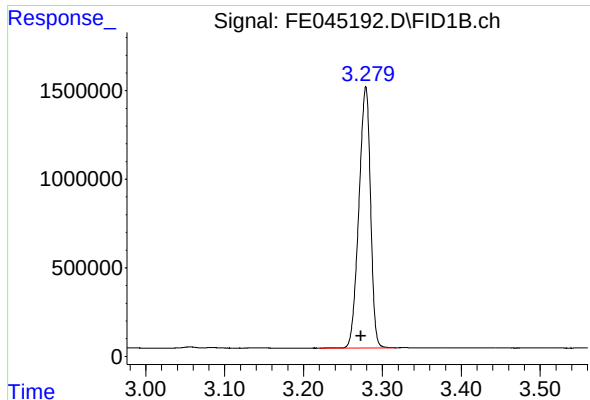
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#1 n-Nonane (C9)

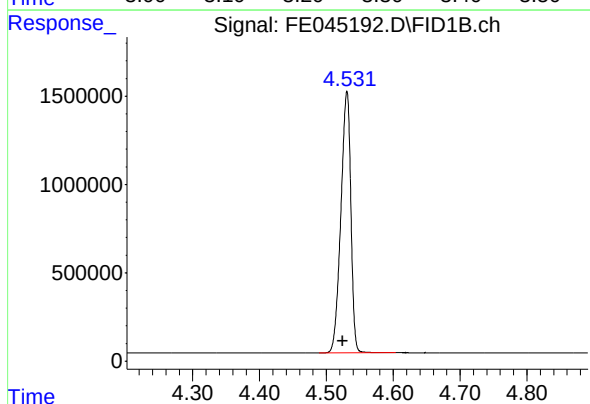
R.T.: 3.279 min
Delta R.T.: 0.006 min
Response: 15056224
Conc: 93.36 ug/ml

Instrument :

FID_E

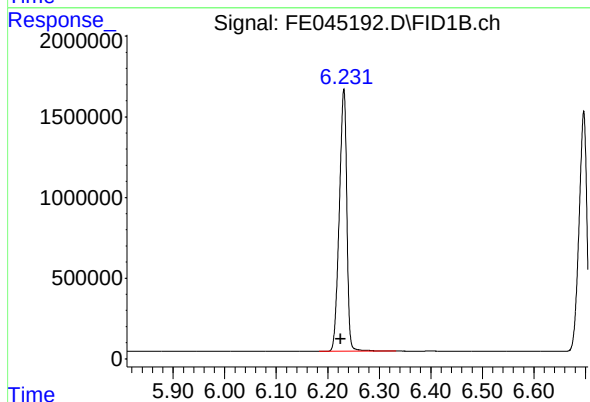
ClientSampleId :

100 PPM ALIPHATIC HC STD1



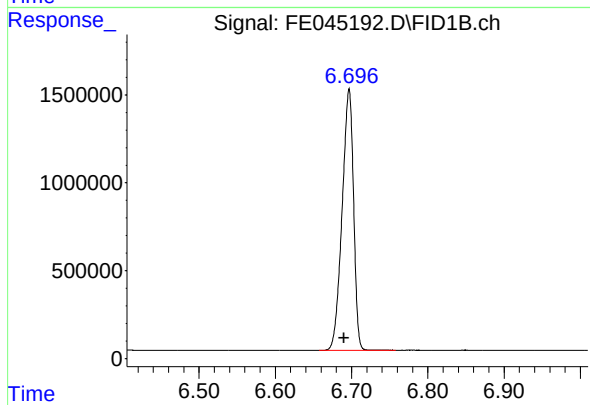
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 15338516
Conc: 93.25 ug/ml



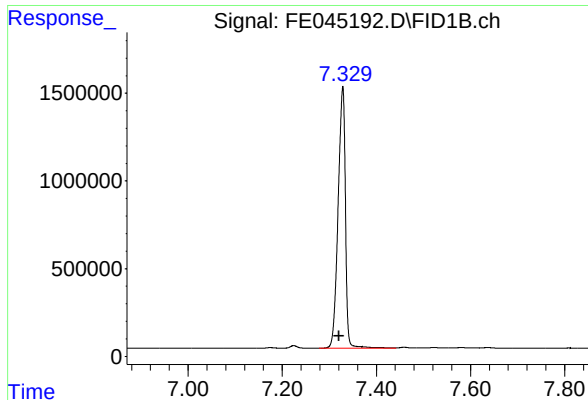
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.007 min
Response: 16514743
Conc: 93.89 ug/ml



#4 n-Dodecane (C12)

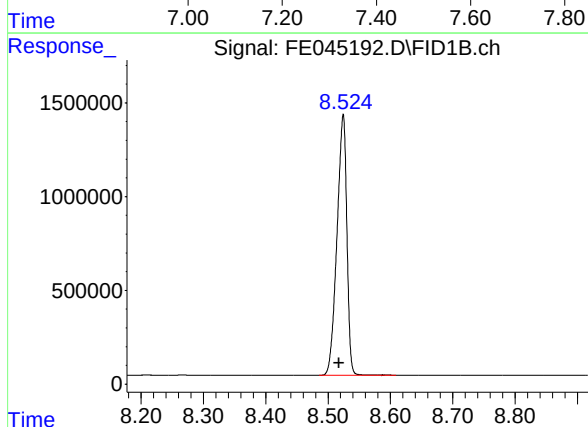
R.T.: 6.697 min
Delta R.T.: 0.006 min
Response: 15504184
Conc: 93.25 ug/ml



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

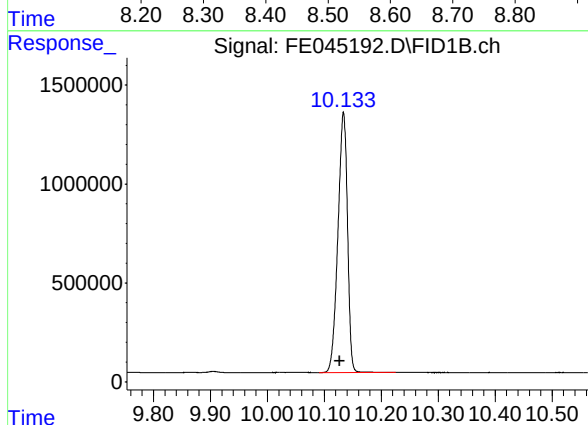
R.T.: 7.329 min
Delta R.T.: 0.008 min
Response: 16074396
Conc: 94.21 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



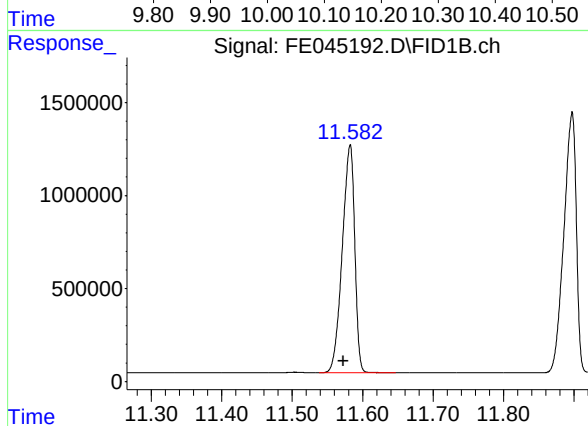
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.007 min
Response: 15295301
Conc: 93.49 ug/ml



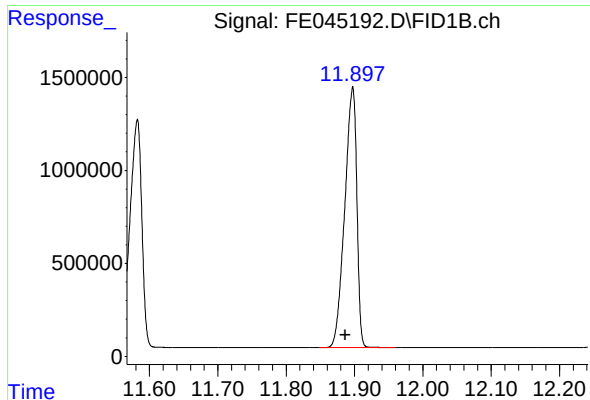
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.007 min
Response: 15347715
Conc: 93.26 ug/ml



#8 n-Octadecane (C18)

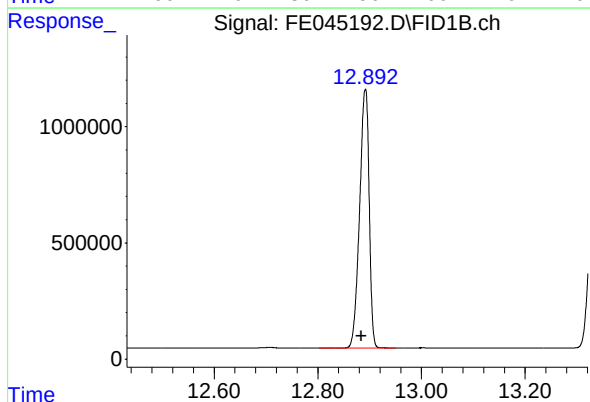
R.T.: 11.582 min
Delta R.T.: 0.009 min
Response: 15079126
Conc: 92.93 ug/ml



#9 ortho-Terphenyl (SURR)

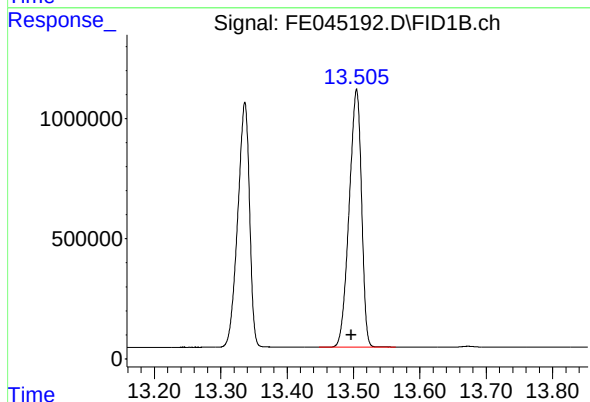
R.T.: 11.897 min
Delta R.T.: 0.011 min
Response: 17172073
Conc: 92.86 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



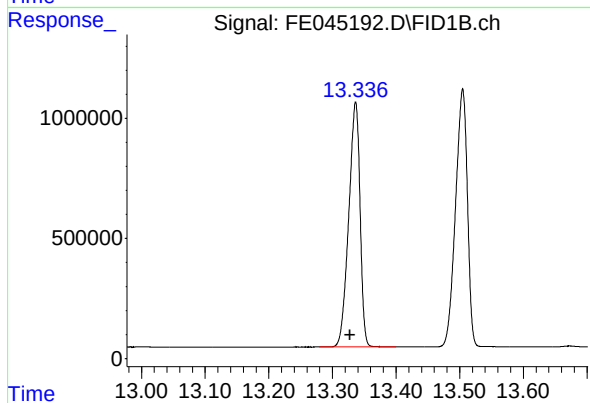
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: 0.008 min
Response: 14260566
Conc: 92.86 ug/ml



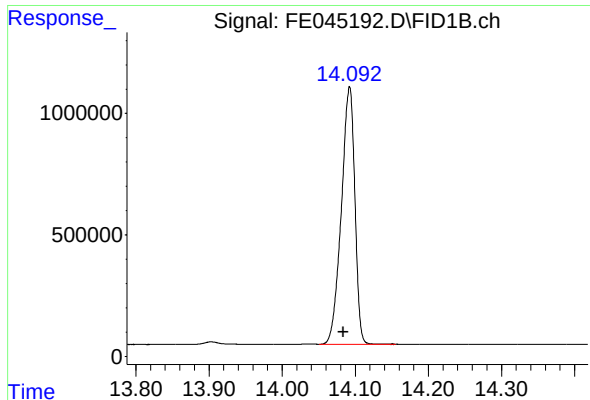
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.008 min
Response: 13872541
Conc: 92.95 ug/ml



#12 1-chlorooctadecane (SURR)

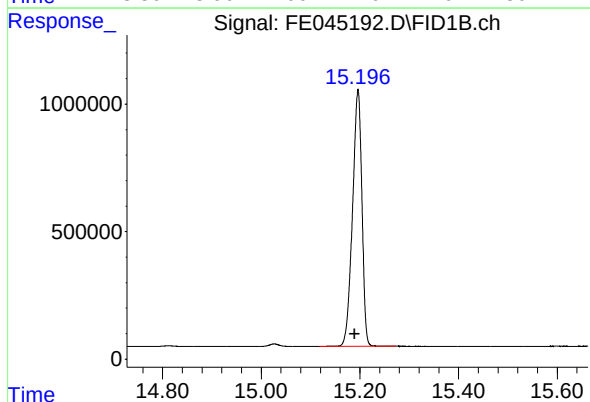
R.T.: 13.336 min
Delta R.T.: 0.008 min
Response: 12585150
Conc: 93.50 ug/ml



#13 n-Docosane (C22)

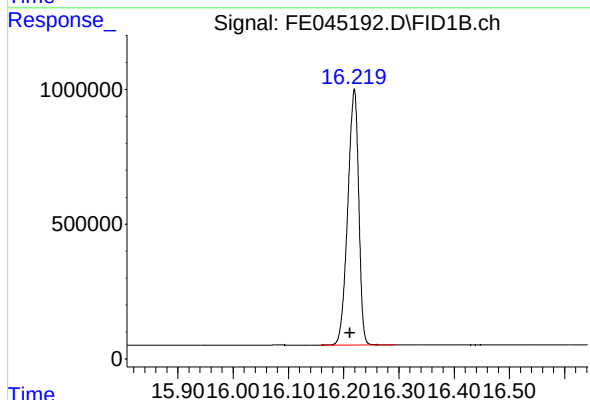
R.T.: 14.092 min
Delta R.T.: 0.008 min
Response: 13619804
Conc: 92.67 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



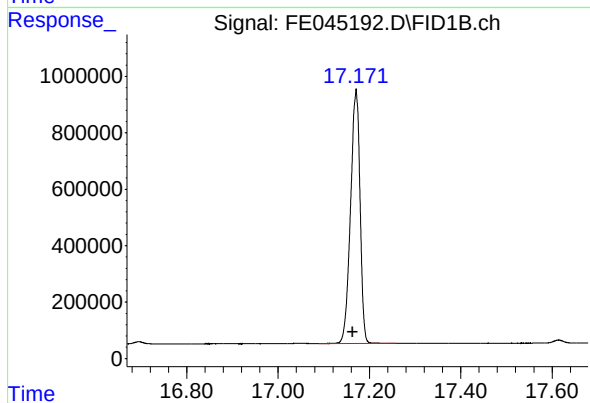
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: 0.007 min
Response: 13321163
Conc: 92.13 ug/ml



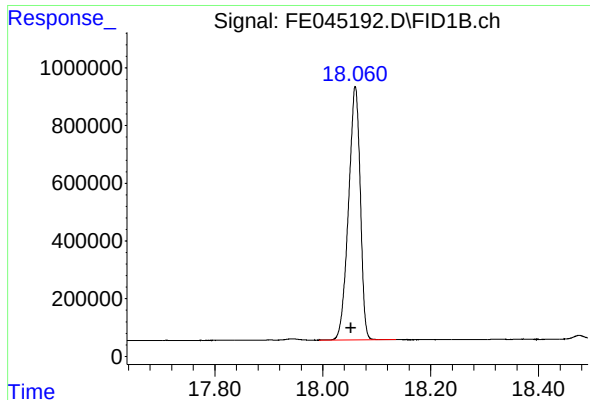
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: 0.008 min
Response: 13076874
Conc: 91.96 ug/ml



#16 n-Octacosane (C28)

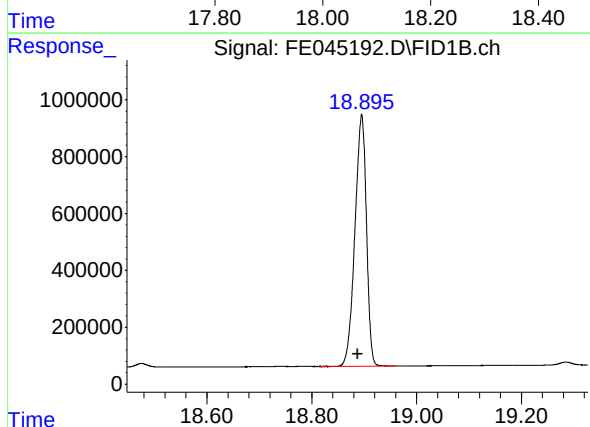
R.T.: 17.171 min
Delta R.T.: 0.007 min
Response: 12954996
Conc: 91.34 ug/ml



#17 n-Tricontane (C30)

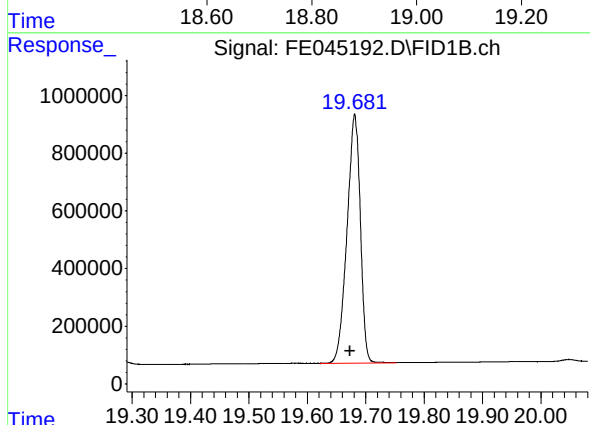
R.T.: 18.060 min
Delta R.T.: 0.008 min
Response: 13268085
Conc: 90.61 ug/ml

Instrument :
FID_E
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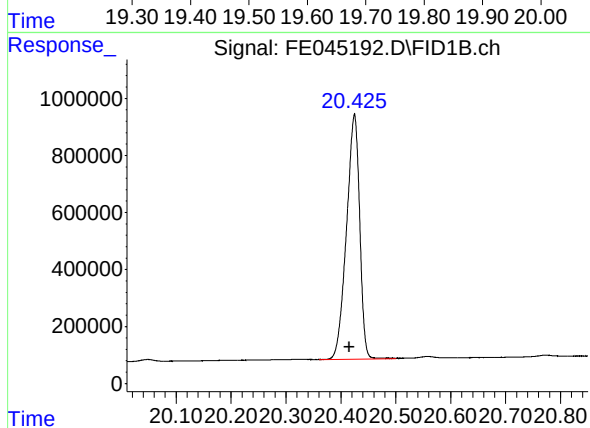
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: 0.008 min
Response: 13487698
Conc: 90.18 ug/ml



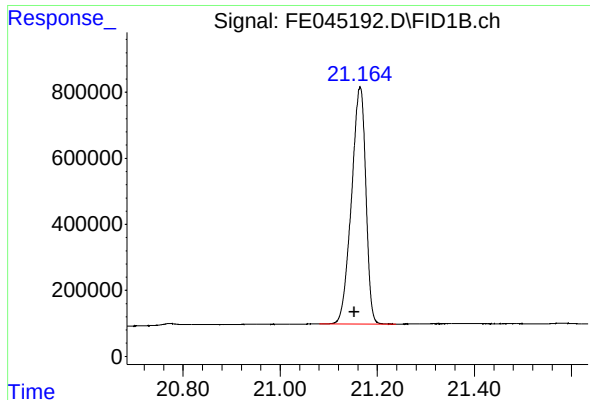
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.008 min
Response: 13702177
Conc: 91.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: 0.010 min
Response: 14303616
Conc: 91.50 ug/ml



#21 n-Octatriacontane (C38)

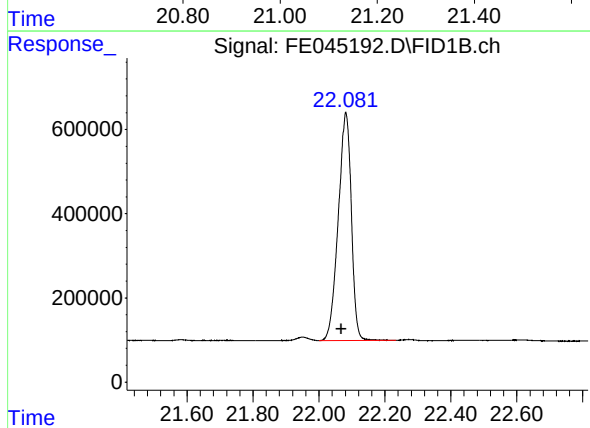
R.T.: 21.165 min
Delta R.T.: 0.012 min
Response: 14722097
Conc: 92.08 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: 0.014 min
Response: 14917978
Conc: 91.10 ug/ml