

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044047.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 01:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 31 03:39:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.935	3781343	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.374	2763630	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.322	3218730	19.731 ug/ml
2) T n-Decane (C10)	4.574	3284244	19.759 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3549346	19.821 ug/ml
4) T n-Dodecane (C12)	6.738	3327260	19.784 ug/ml
5) T A~2-methylnaphthalene...	7.370	3407209	19.875 ug/ml
6) T n-Tetradecane (C14)	8.566	3323930	19.820 ug/ml
7) T n-Hexadecane (C16)	10.174	3437722	19.890 ug/ml
8) T n-Octadecane (C18)	11.619	3468107	19.924 ug/ml
10) T n-Eicosane (C20)	12.930	3301720	19.961 ug/ml
11) T n-Heneicosane (C21)	13.541	3230734	19.973 ug/ml
13) T n-Docosane (C22)	14.129	3191891	19.979 ug/ml
14) T n-Tetracosane (C24)	15.233	3125571	19.987 ug/ml
15) T n-Hexacosane (C26)	16.255	3014372	19.995 ug/ml
16) T n-Octacosane (C28)	17.206	2881175	19.965 ug/ml
17) T n-Tricontane (C30)	18.094	2884691	19.856 ug/ml
18) T n-Dotriacontane (C32)	18.928	2817959	19.783 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2771796	19.807 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2724195	19.871 ug/ml
21) T n-Octatriacontane (C38)	21.198	2724403	19.626 ug/ml
22) T n-Tetracontane (C40)	22.122	2677134	19.363 ug/ml

(f)=RT Delta > 1/2 Window

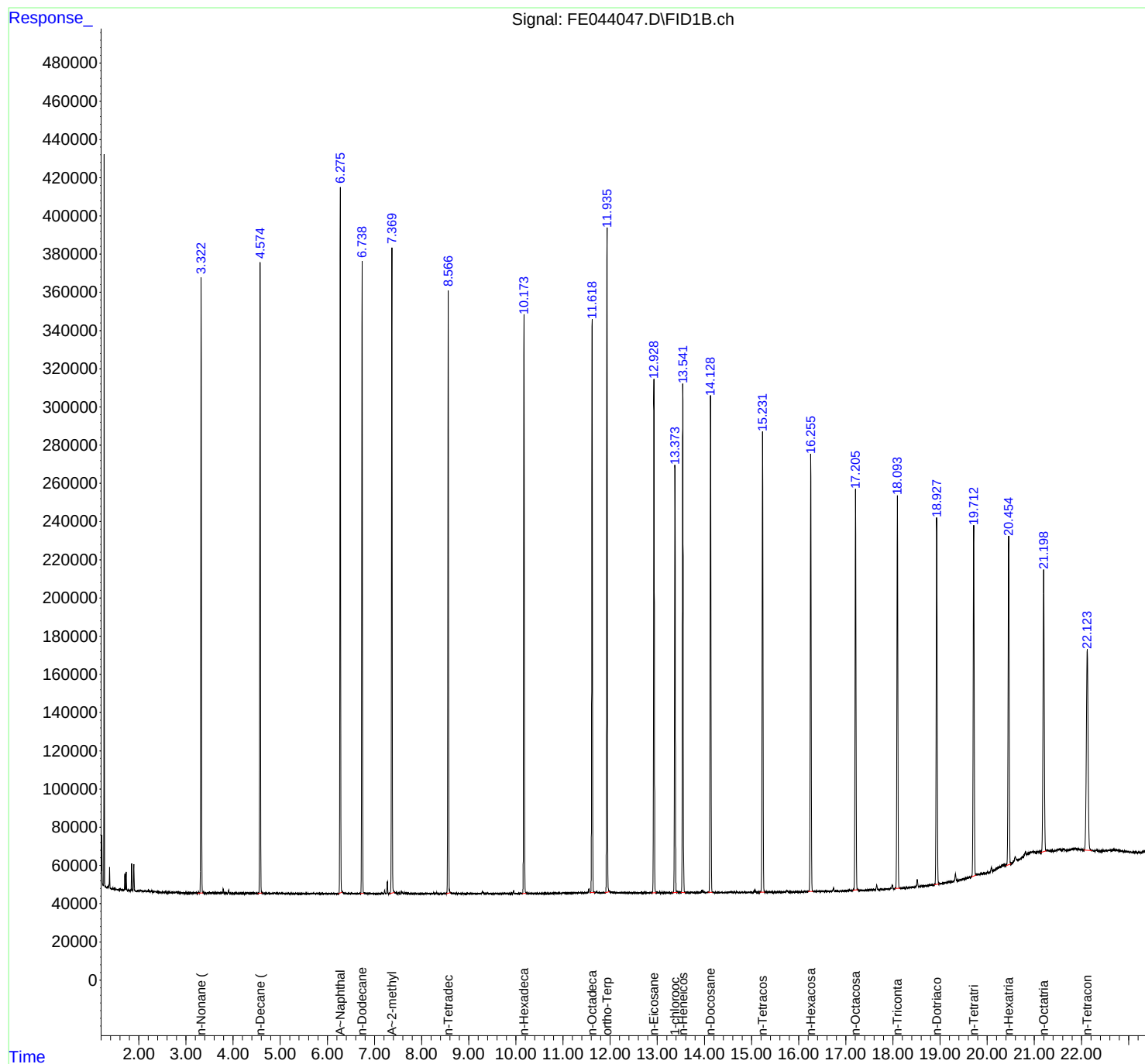
(m)=manual int.

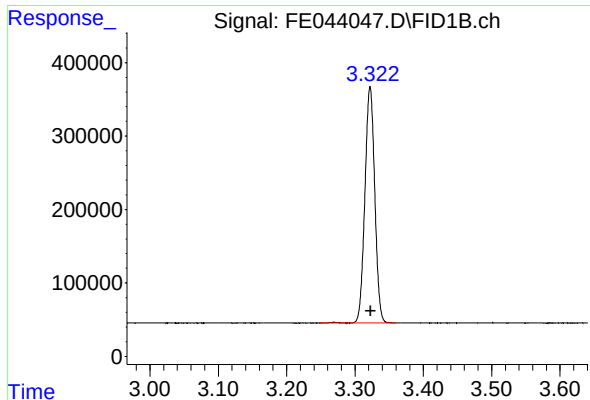
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#1 n-Nonane (C9)

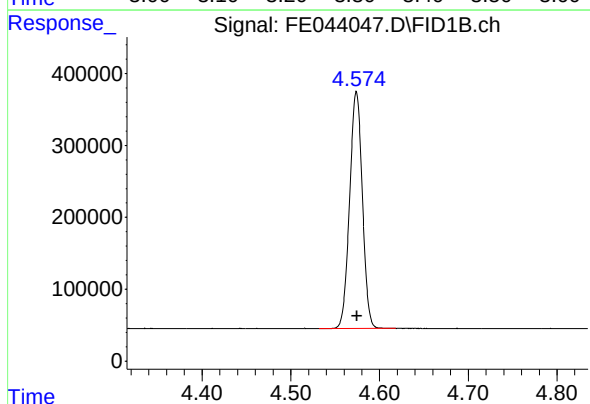
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 3218730
Conc: 19.73 ug/ml

Instrument :

FID_E

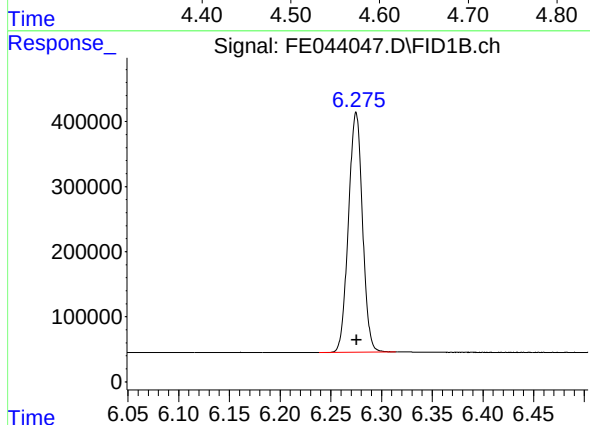
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



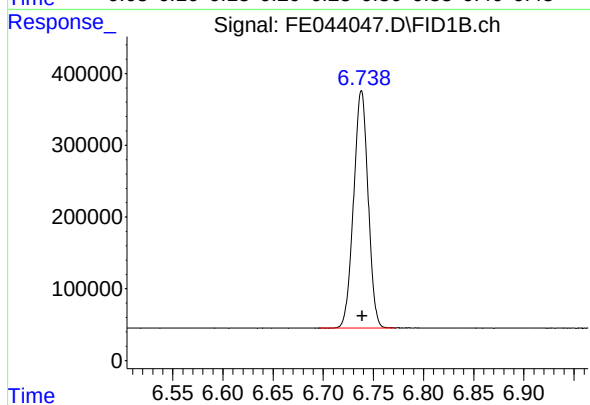
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 3284244
Conc: 19.76 ug/ml



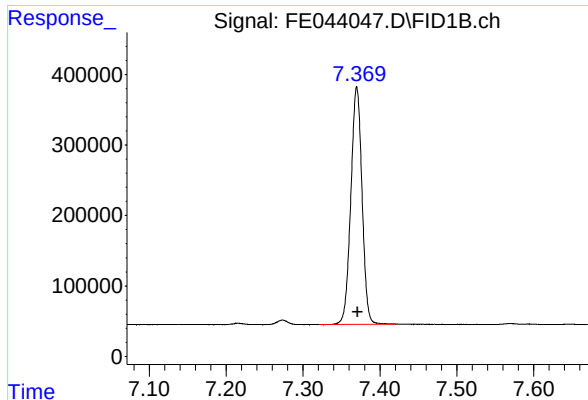
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3549346
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 3327260
Conc: 19.78 ug/ml



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

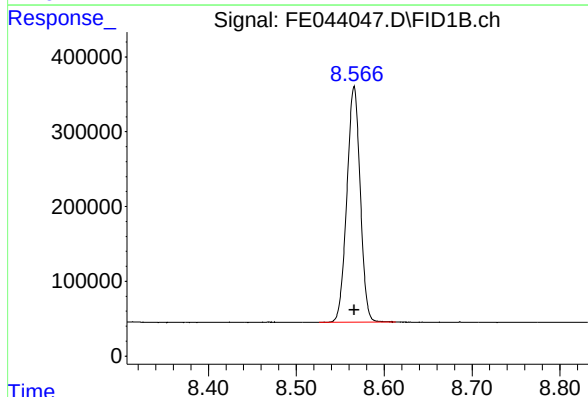
R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 3407209
Conc: 19.87 ug/ml

Instrument :

FID_E

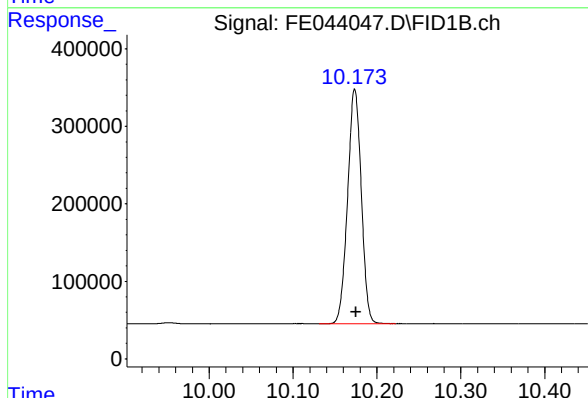
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



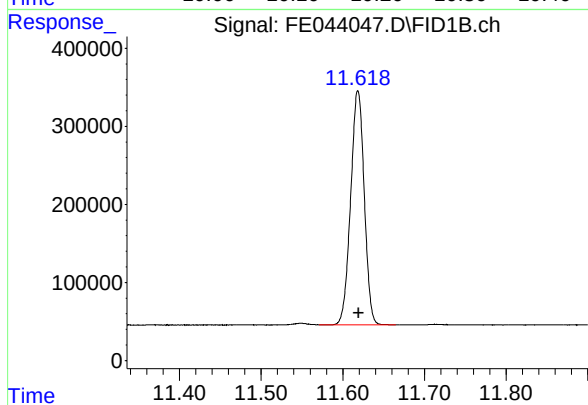
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 3323930
Conc: 19.82 ug/ml



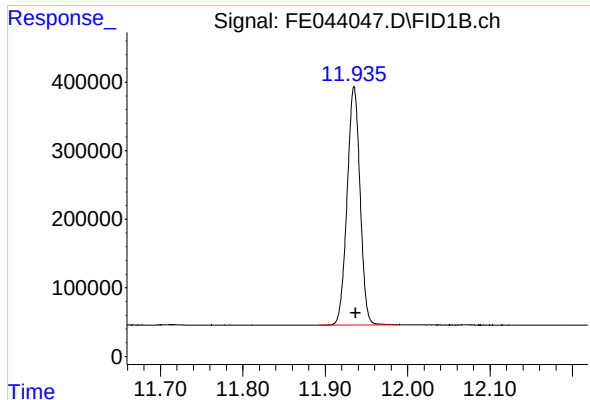
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.001 min
Response: 3437722
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.001 min
Response: 3468107
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

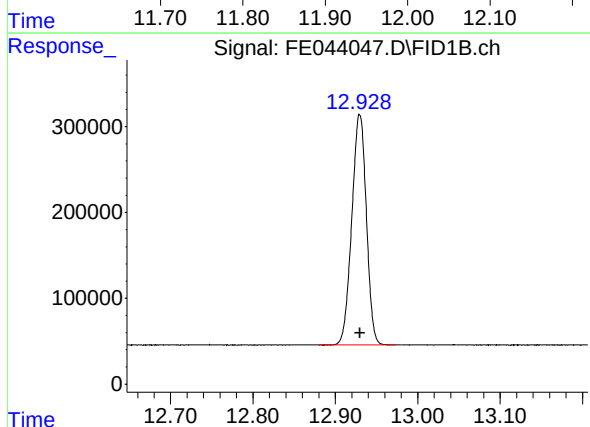
R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 3781343
Conc: 19.96 ug/ml

Instrument :

FID_E

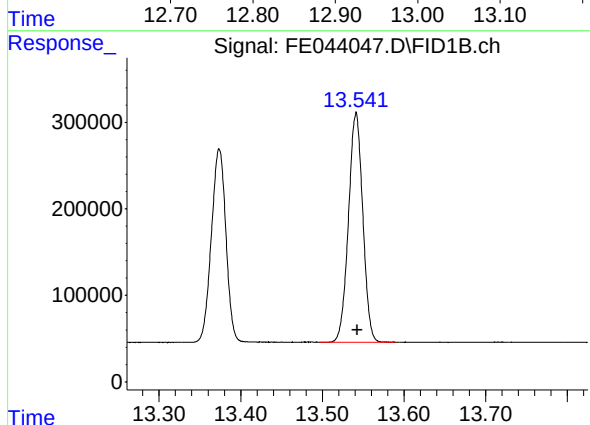
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



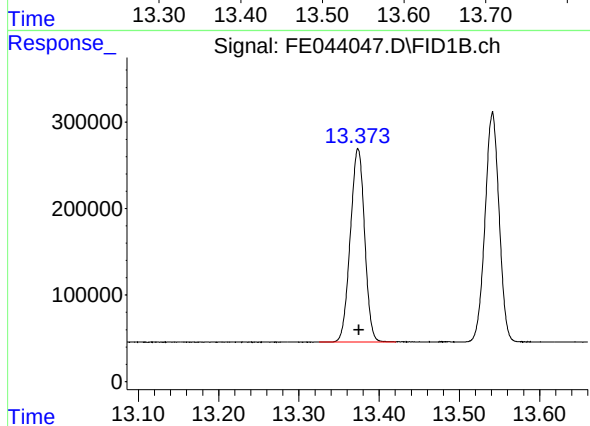
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 3301720
Conc: 19.96 ug/ml



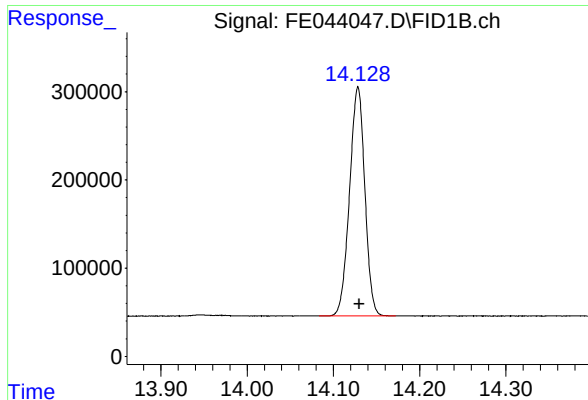
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.001 min
Response: 3230734
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.001 min
Response: 2763630
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

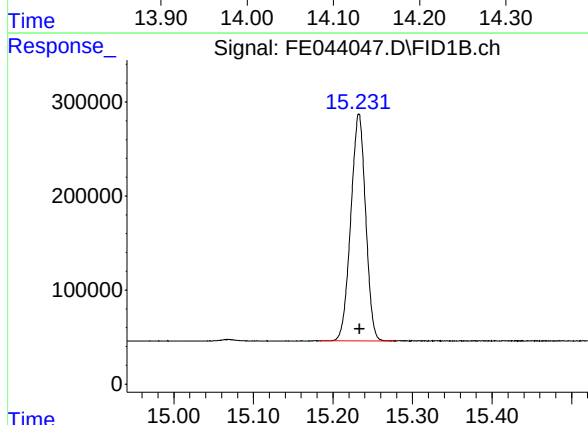
R.T.: 14.129 min
Delta R.T.: -0.002 min
Response: 3191891
Conc: 19.98 ug/ml

Instrument :

FID_E

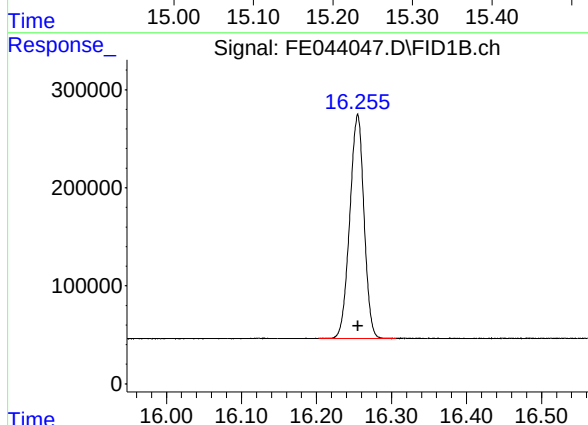
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



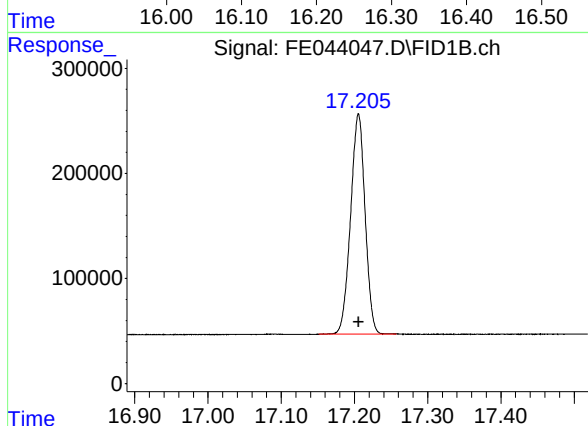
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.001 min
Response: 3125571
Conc: 19.99 ug/ml



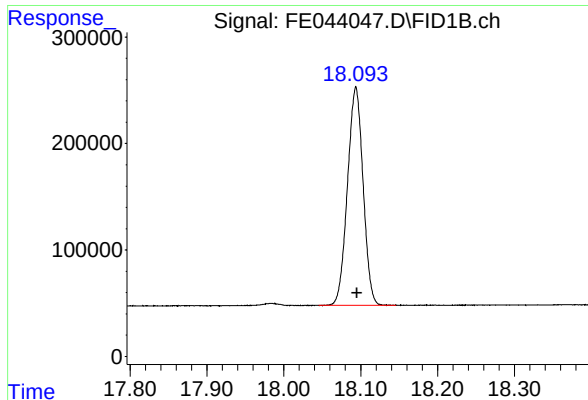
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 3014372
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: 0.000 min
Response: 2881175
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

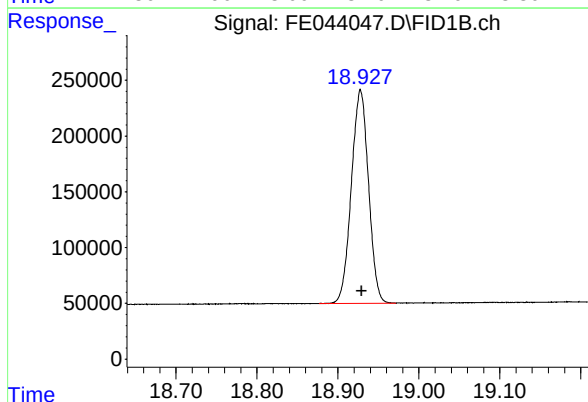
R.T.: 18.094 min
Delta R.T.: -0.001 min
Response: 2884691
Conc: 19.86 ug/ml

Instrument :

FID_E

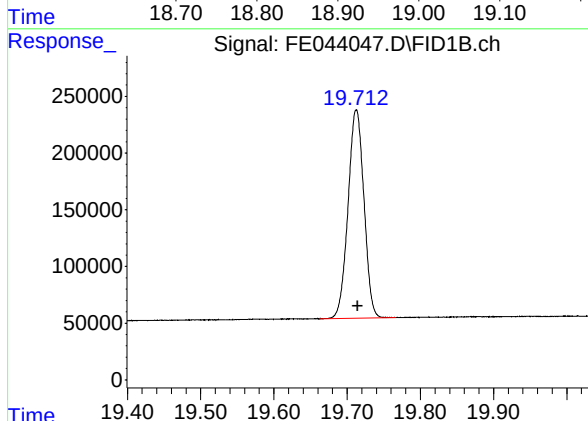
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



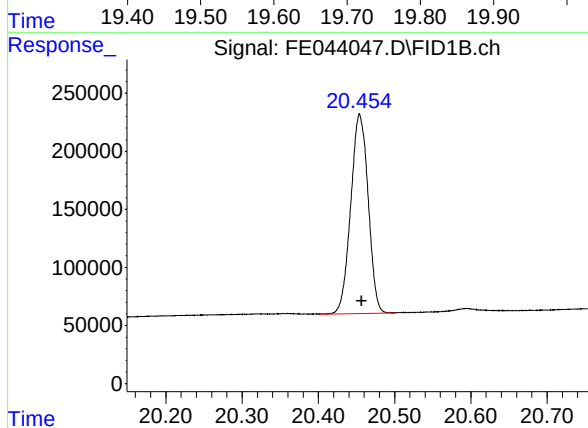
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.002 min
Response: 2817959
Conc: 19.78 ug/ml



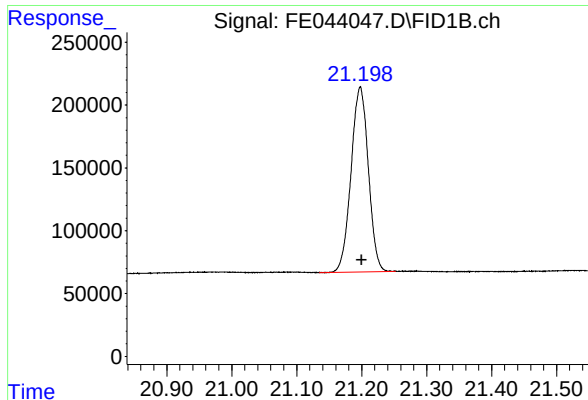
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.002 min
Response: 2771796
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

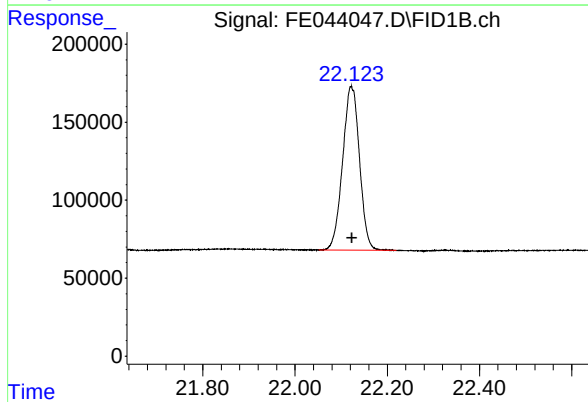
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 2724195
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.002 min
Response: 2724403
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.002 min
Response: 2677134
Conc: 19.36 ug/ml