

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042689.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 09:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 19 02:36:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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)	11.937	4091372	21.128 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	13.373	3049503	21.149 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
Target Compounds			
1) T n-Nonane (C9)	3.316	3316330	21.222 ug/ml
2) T n-Decane (C10)	4.567	3384627	21.214 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3686283	21.446 ug/ml
4) T n-Dodecane (C12)	6.736	3437028	21.237 ug/ml
5) T A~2-methylnaphthalene...	7.373	3559620	21.502 ug/ml
6) T n-Tetradecane (C14)	8.566	3412685	21.173 ug/ml
7) T n-Hexadecane (C16)	10.174	3553548	21.121 ug/ml
8) T n-Octadecane (C18)	11.617	3619888	21.097 ug/ml
10) T n-Eicosane (C20)	12.927	3505741	21.123 ug/ml
11) T n-Heneicosane (C21)	13.539	3441137	21.123 ug/ml
13) T n-Docosane (C22)	14.126	3434878	21.298 ug/ml
14) T n-Tetracosane (C24)	15.229	3402527	21.539 ug/ml
15) T n-Hexacosane (C26)	16.250	3295523	21.809 ug/ml
16) T n-Octacosane (C28)	17.201	3143355	21.957 ug/ml
17) T n-Tricontane (C30)	18.089	3087893	21.901 ug/ml
18) T n-Dotriacontane (C32)	18.922	2950815	21.680 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2829923	21.404 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2730109	21.228 ug/ml
21) T n-Octatriacontane (C38)	21.192	2756567	21.289 ug/ml
22) T n-Tetracontane (C40)	22.119	2784006	21.357 ug/ml

(f)=RT Delta > 1/2 Window

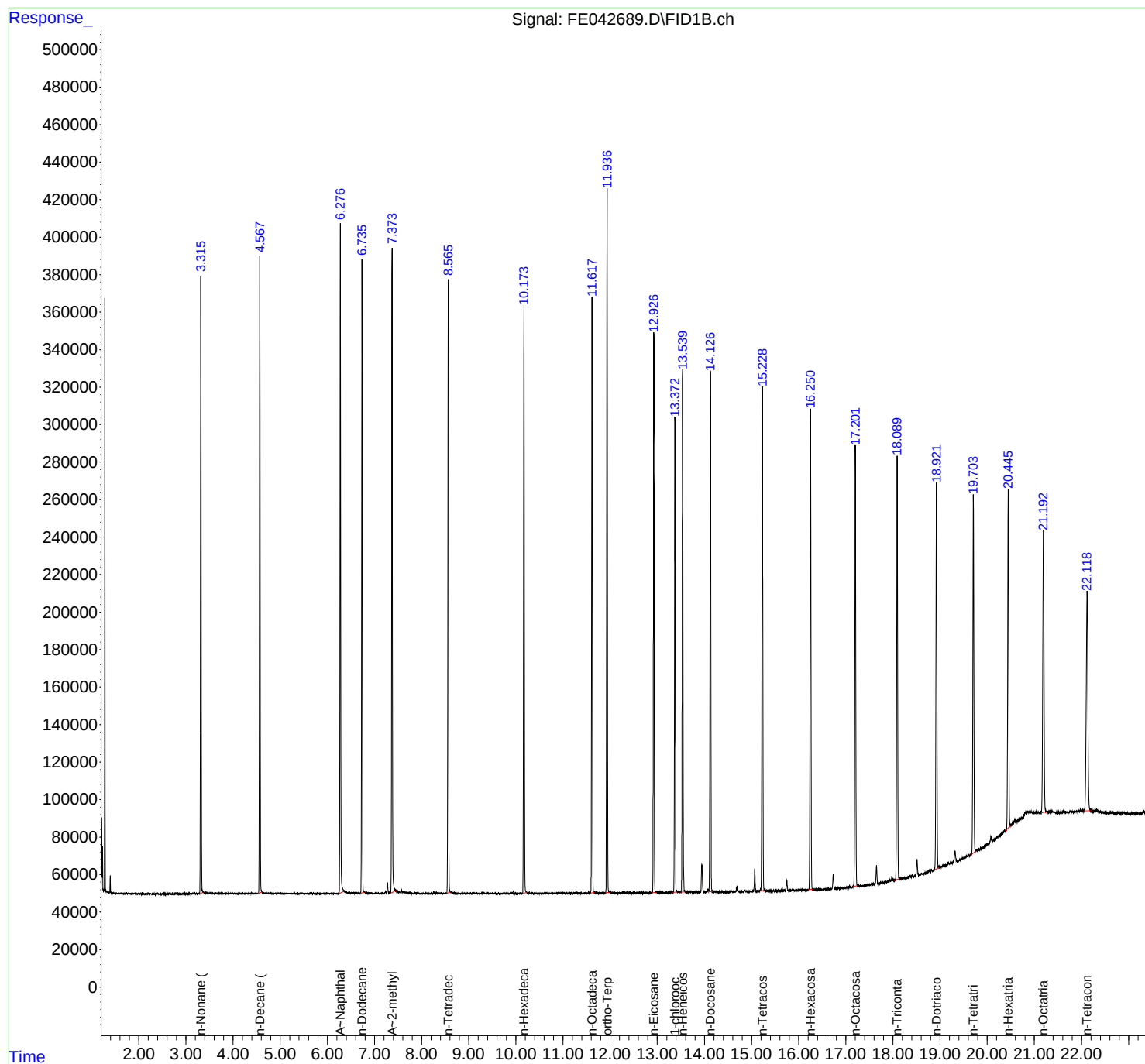
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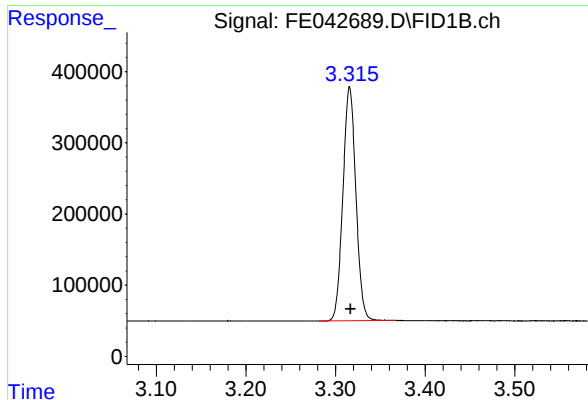
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#1 n-Nonane (C9)

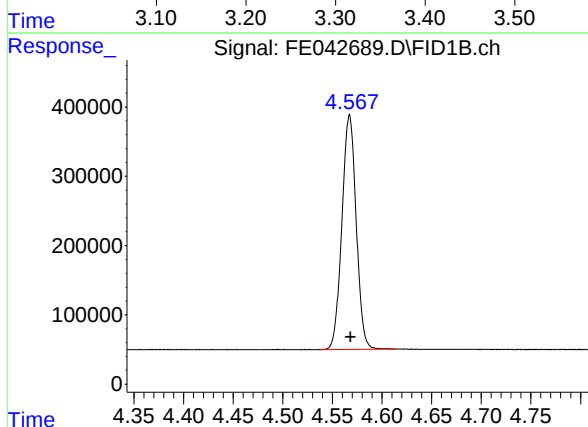
R.T.: 3.316 min
Delta R.T.: -0.001 min
Response: 3316330
Conc: 21.22 ug/ml

Instrument :

FID_E

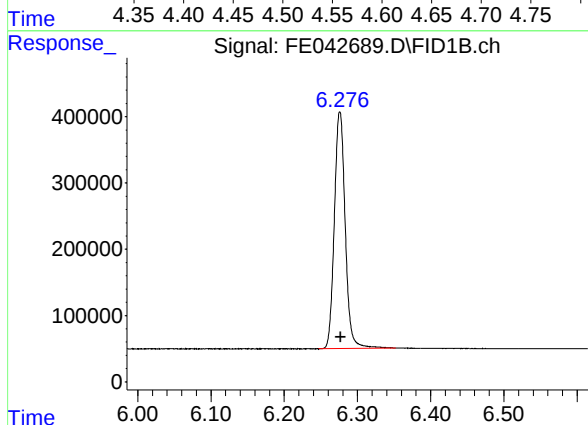
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



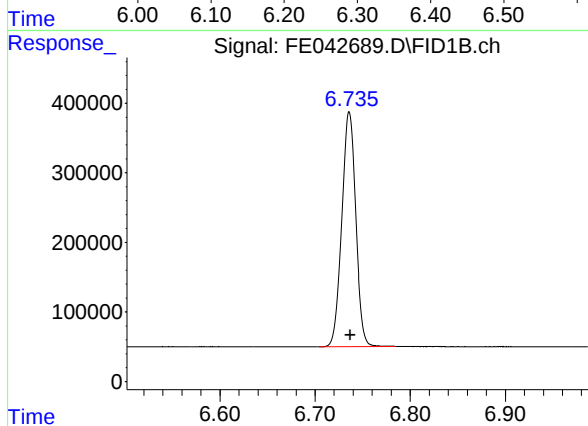
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 3384627
Conc: 21.21 ug/ml



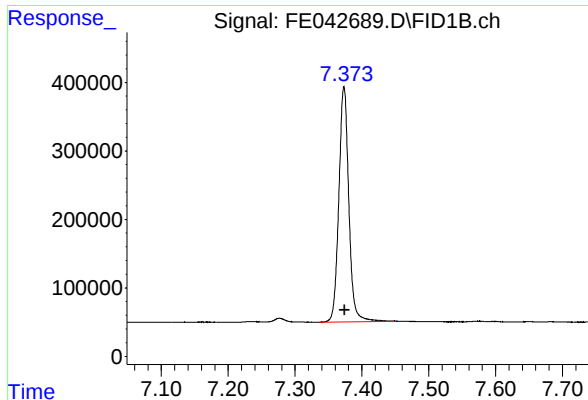
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 3686283
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 3437028
Conc: 21.24 ug/ml



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

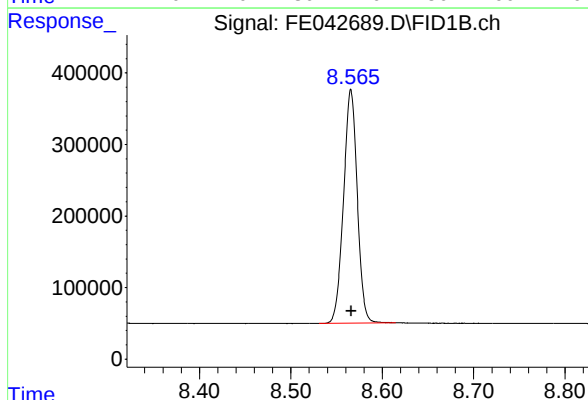
R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 3559620
Conc: 21.50 ug/ml

Instrument :

FID_E

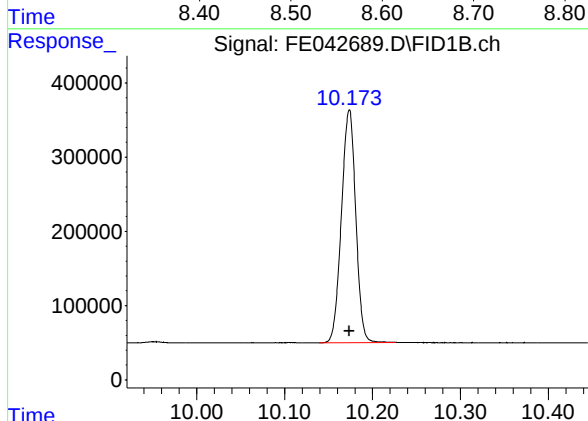
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



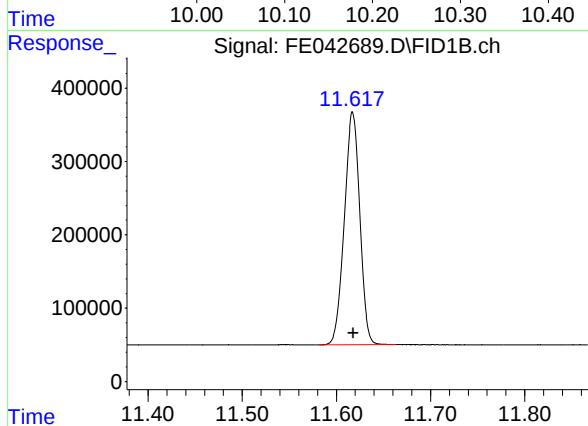
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 3412685
Conc: 21.17 ug/ml



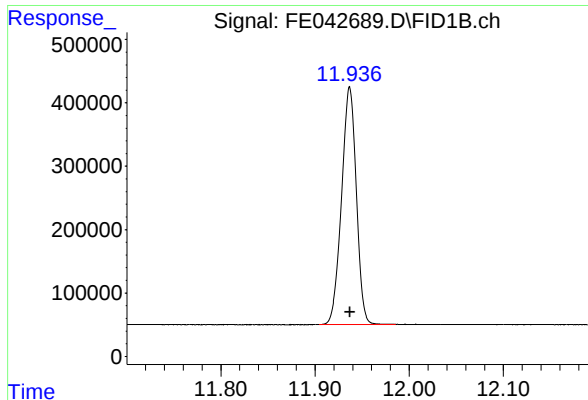
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 3553548
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 3619888
Conc: 21.10 ug/ml



#9 ortho-Terphenyl (SURR)

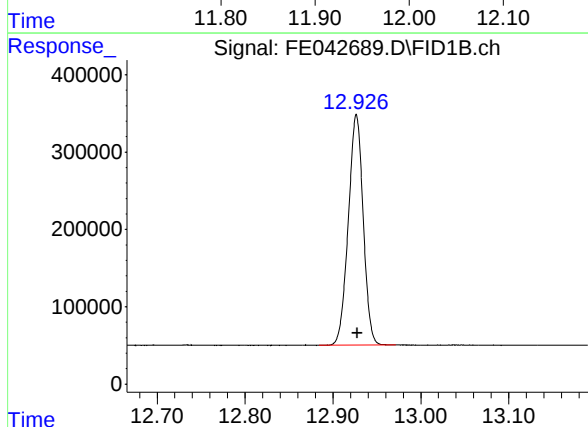
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 4091372
Conc: 21.13 ug/ml

Instrument :

FID_E

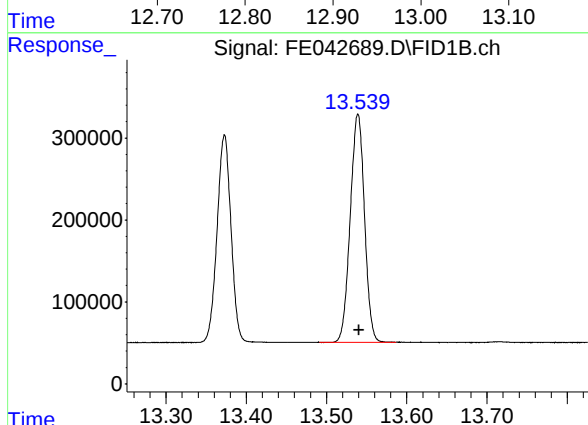
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



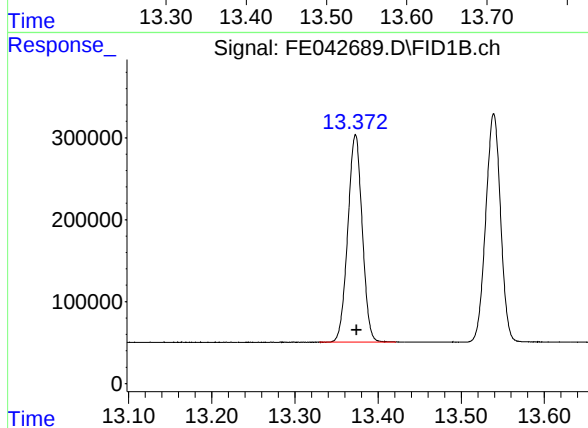
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 3505741
Conc: 21.12 ug/ml



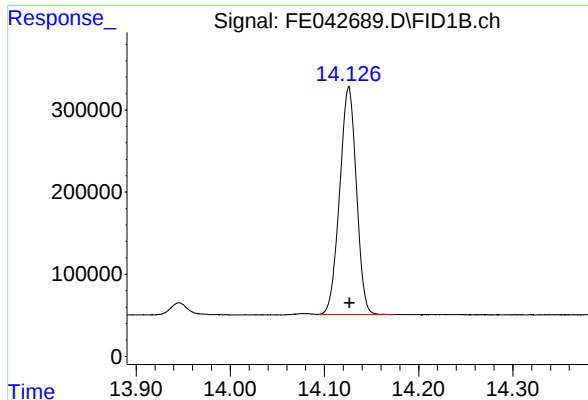
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.001 min
Response: 3441137
Conc: 21.12 ug/ml



#12 1-chlorooctadecane (SURR)

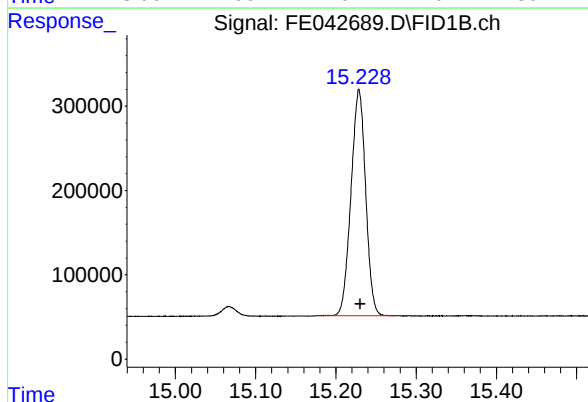
R.T.: 13.373 min
Delta R.T.: -0.001 min
Response: 3049503
Conc: 21.15 ug/ml



#13 n-Docosane (C22)

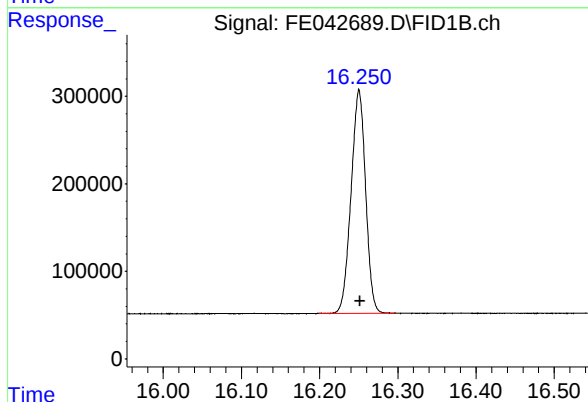
R.T.: 14.126 min
Delta R.T.: 0.000 min
Response: 3434878
Conc: 21.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



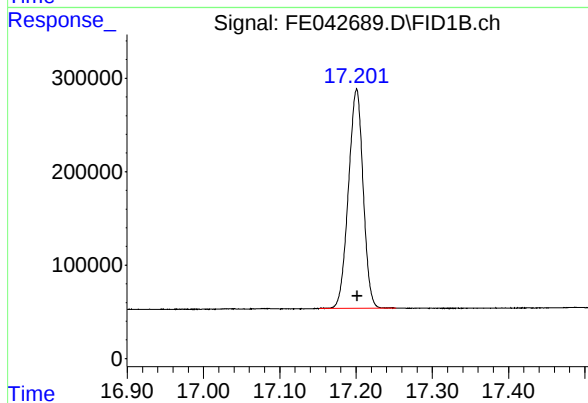
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.002 min
Response: 3402527
Conc: 21.54 ug/ml



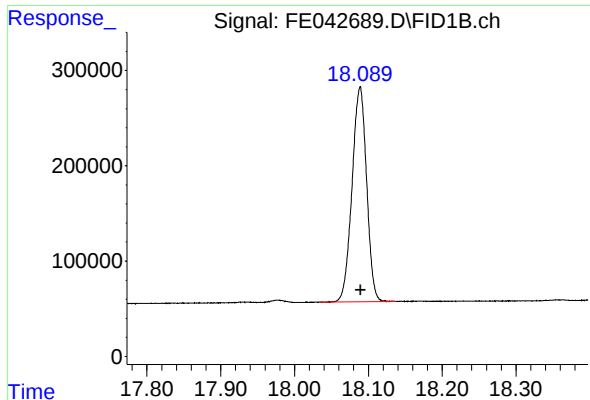
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.001 min
Response: 3295523
Conc: 21.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 3143355
Conc: 21.96 ug/ml



#17 n-Tricontane (C30)

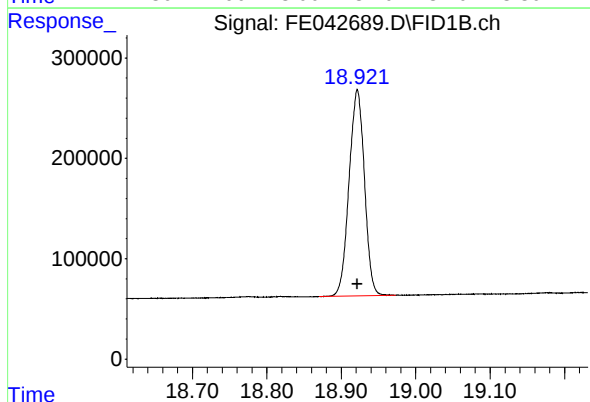
R.T.: 18.089 min
Delta R.T.: 0.000 min
Response: 3087893
Conc: 21.90 ug/ml

Instrument :

FID_E

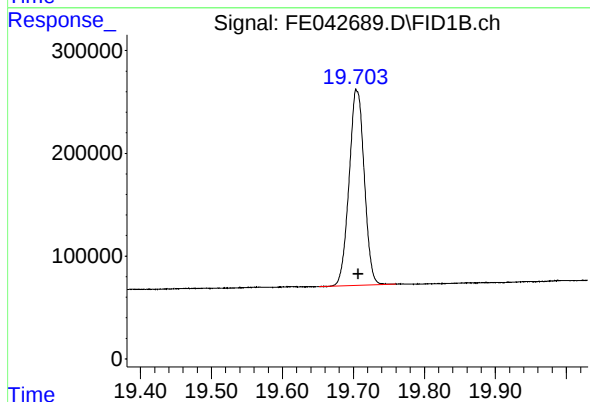
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



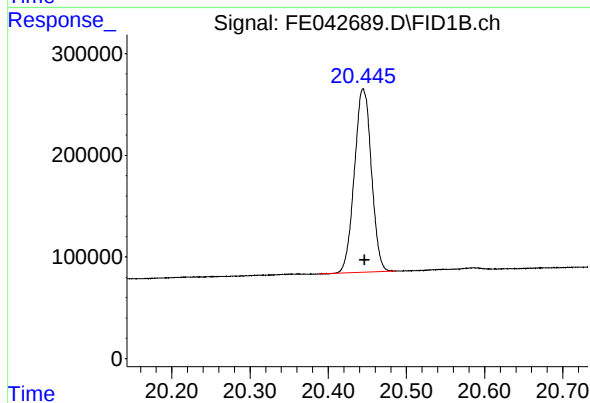
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.000 min
Response: 2950815
Conc: 21.68 ug/ml



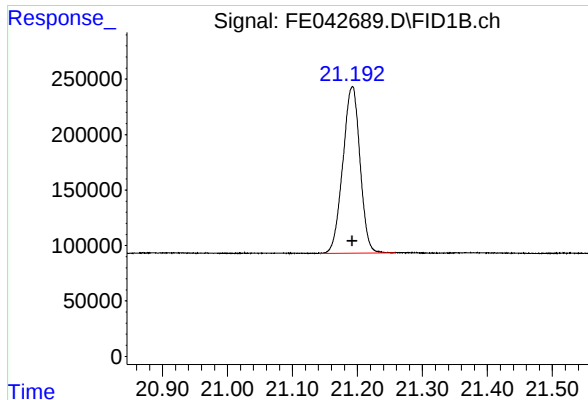
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.002 min
Response: 2829923
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.002 min
Response: 2730109
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

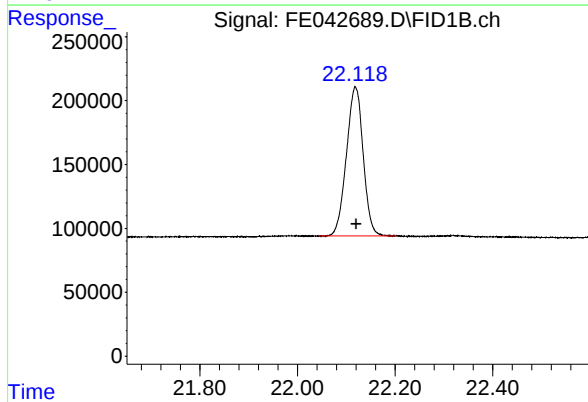
R.T.: 21.192 min
Delta R.T.: 0.000 min
Response: 2756567
Conc: 21.29 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.002 min
Response: 2784006
Conc: 21.36 ug/ml