

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015162.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 16:39
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 10 16:57:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:57:20 2024
 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)	11.918	742259	5.388 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
12) S 1-chlorooctadecane (S...	13.353	489861	5.193 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
Target Compounds			
1) T n-Nonane (C9)	3.319	694176	5.467 ug/ml
2) T n-Decane (C10)	4.567	703968	5.455 ug/ml
3) T A~Naphthalene (C11.7)	6.266	734429	5.386 ug/ml
4) T n-Dodecane (C12)	6.726	706950	5.457 ug/ml
5) T A~2-methylnaphthalene...	7.359	690927	5.348 ug/ml
6) T n-Tetradecane (C14)	8.551	692252	5.426 ug/ml
7) T n-Hexadecane (C16)	10.157	701754	5.395 ug/ml
8) T n-Octadecane (C18)	11.600	703889	5.391 ug/ml
10) T n-Eicosane (C20)	12.909	653246	5.358 ug/ml
11) T n-Heneicosane (C21)	13.521	639521	5.373 ug/ml
13) T n-Docosane (C22)	14.107	629981	5.364 ug/ml
14) T n-Tetracosane (C24)	15.210	635780	5.423 ug/ml
15) T n-Hexacosane (C26)	16.230	612061	5.420 ug/ml
16) T n-Octacosane (C28)	17.180	607633	5.482 ug/ml
17) T n-Tricontane (C30)	18.068	636427	5.626 ug/ml
18) T n-Dotriacontane (C32)	18.900	622749	5.732 ug/ml
19) T n-Tetratriacontane (C34)	19.683	541165	5.713 ug/ml
20) T n-Hexatriacontane (C36)	20.424	441007	5.628 ug/ml
21) T n-Octatriacontane (C38)	21.159	394765	5.703 ug/ml
22) T n-Tetracontane (C40)	22.066	351789	5.910 ug/ml

(f)=RT Delta > 1/2 Window

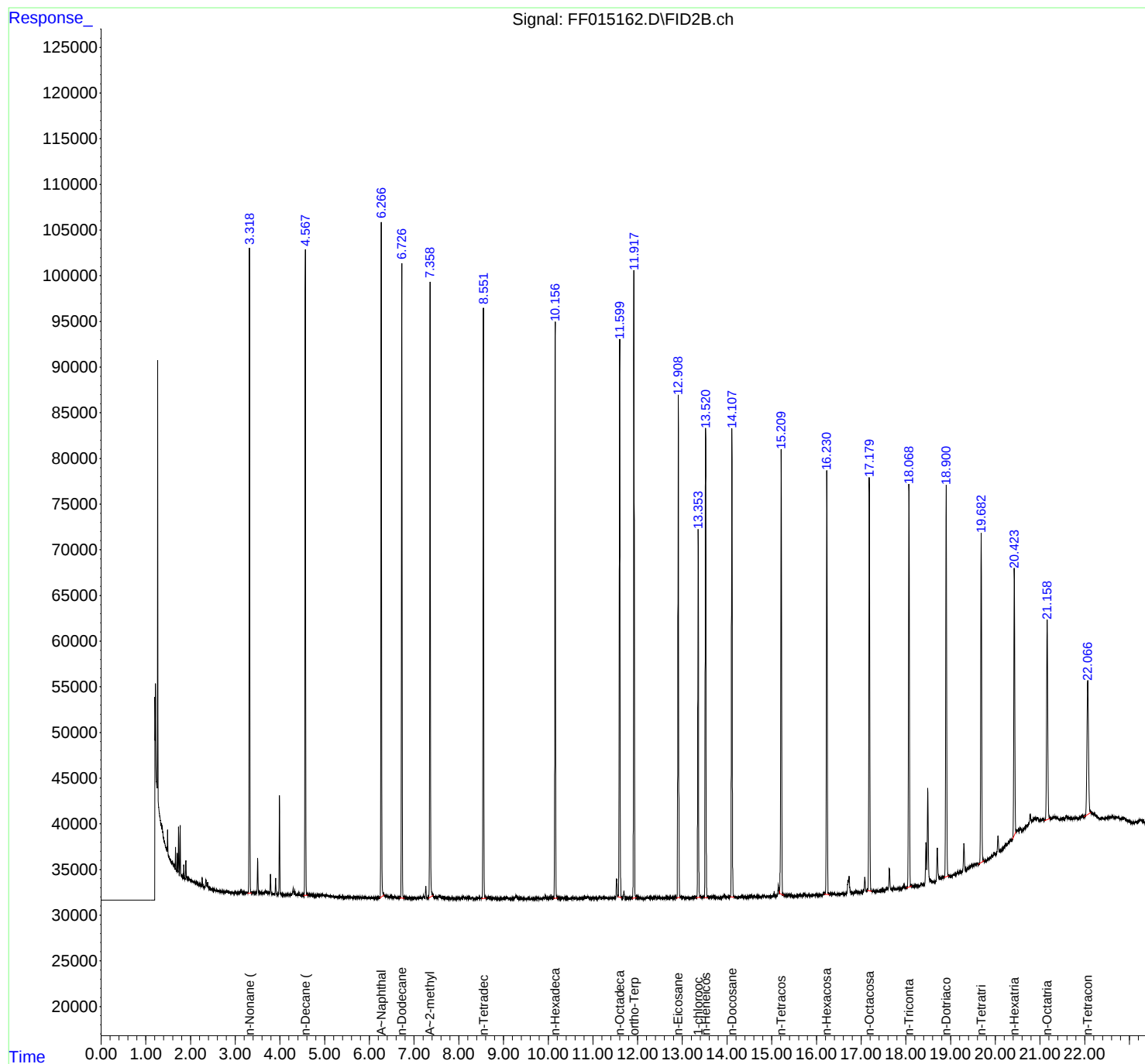
(m)=manual int.

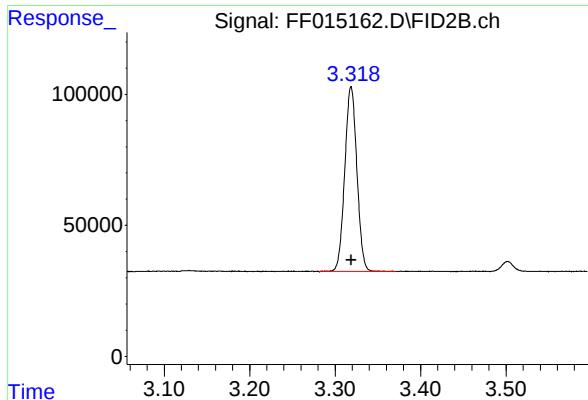
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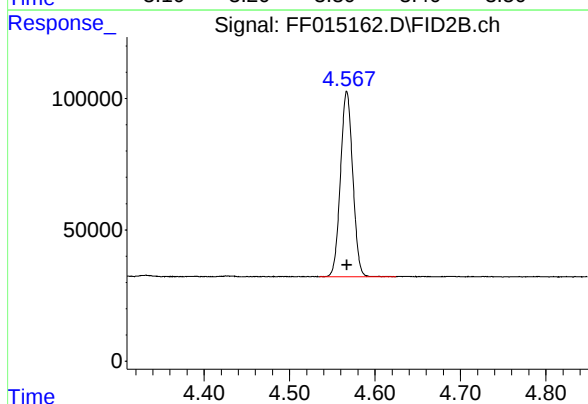




#1 n-Nonane (C9)

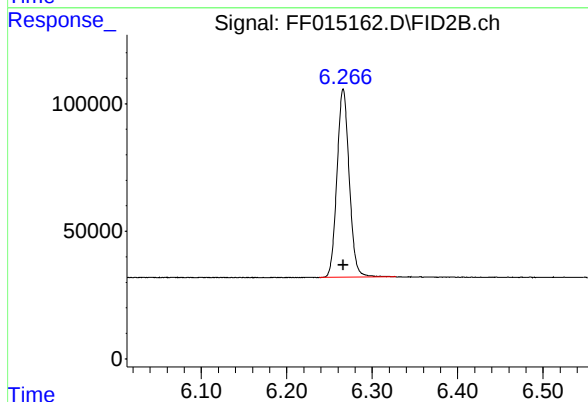
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 694176
Conc: 5.47 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



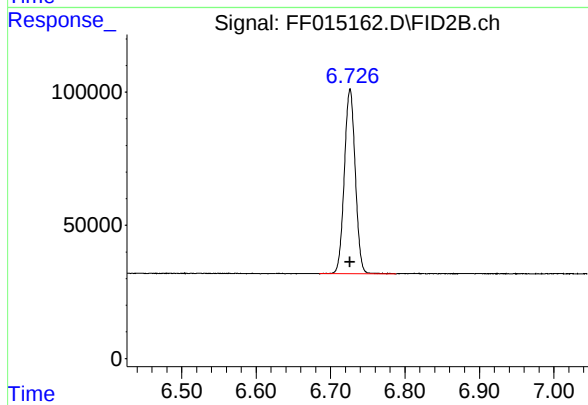
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 703968
Conc: 5.46 ug/ml



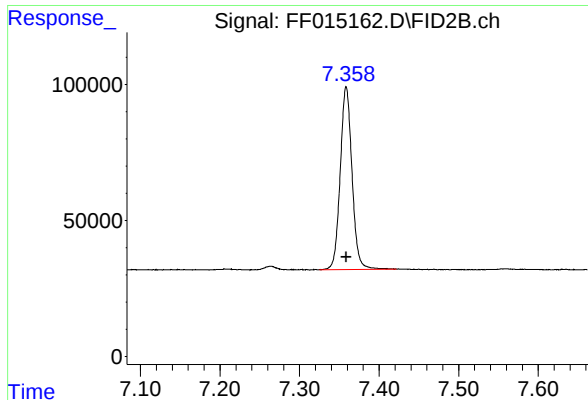
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 734429
Conc: 5.39 ug/ml



#4 n-Dodecane (C12)

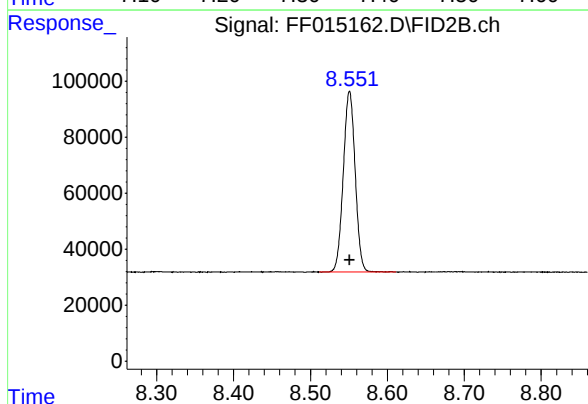
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 706950
Conc: 5.46 ug/ml



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

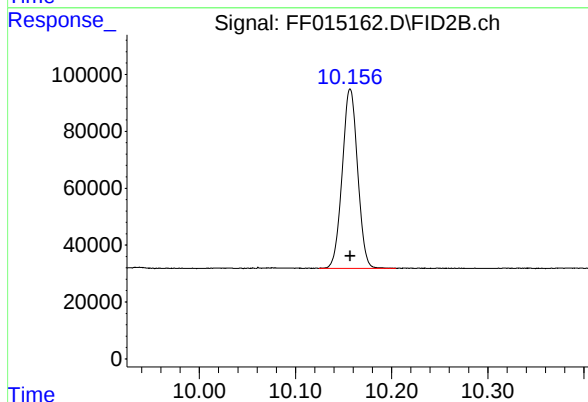
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 690927
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



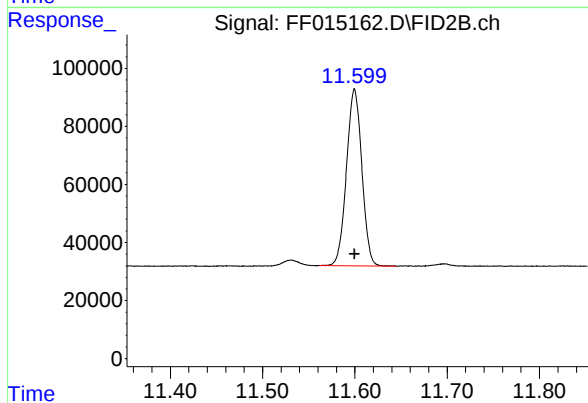
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 692252
Conc: 5.43 ug/ml



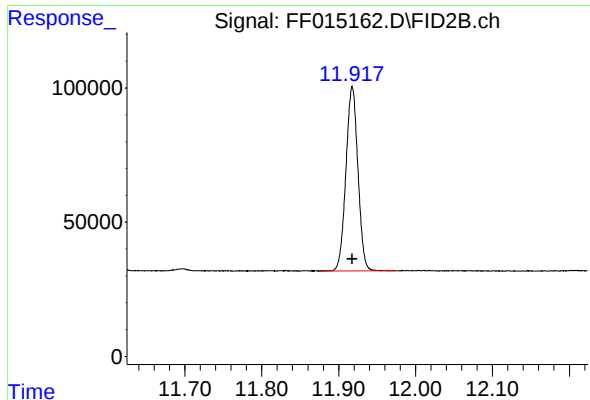
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 701754
Conc: 5.39 ug/ml



#8 n-Octadecane (C18)

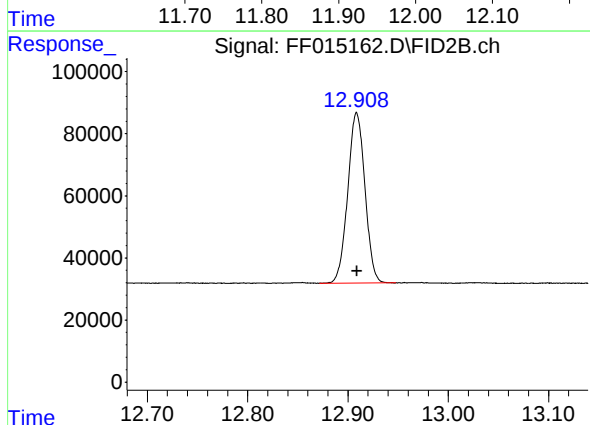
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 703889
Conc: 5.39 ug/ml



#9 ortho-Terphenyl (SURR)

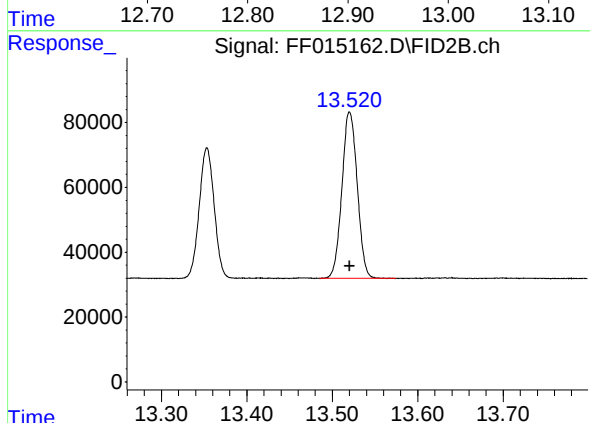
R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 742259
Conc: 5.39 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



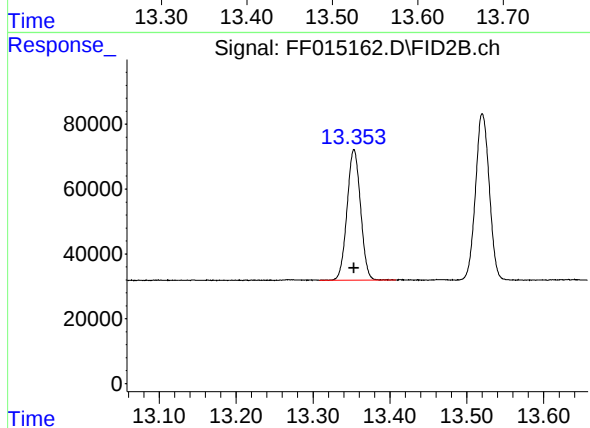
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 653246
Conc: 5.36 ug/ml



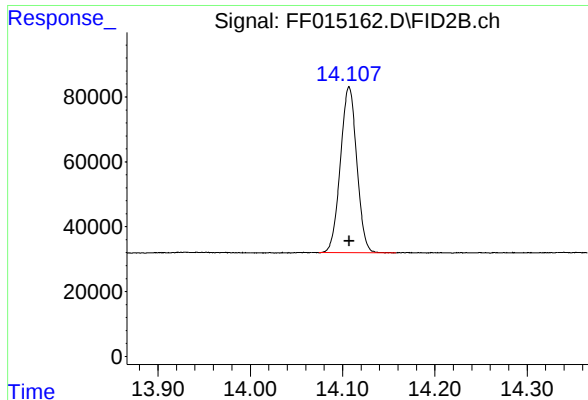
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 639521
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

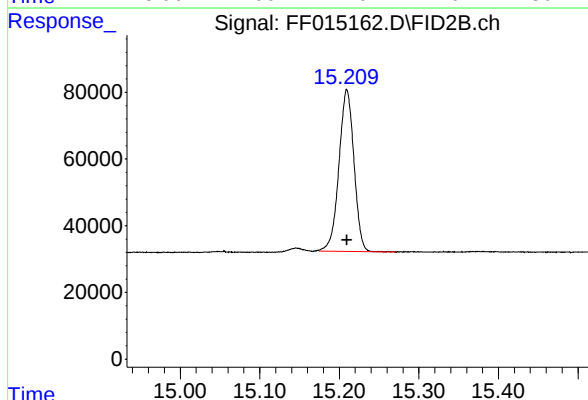
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 489861
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

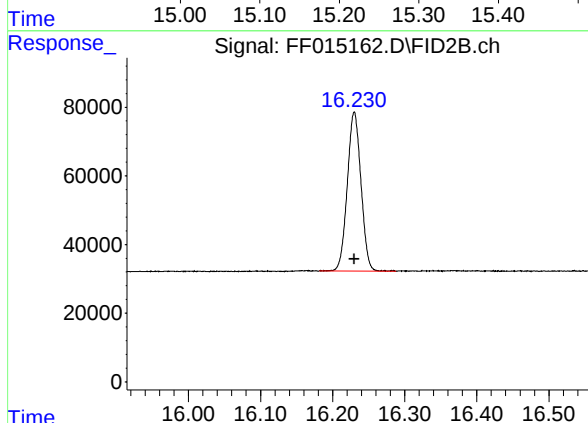
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 629981
Conc: 5.36 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



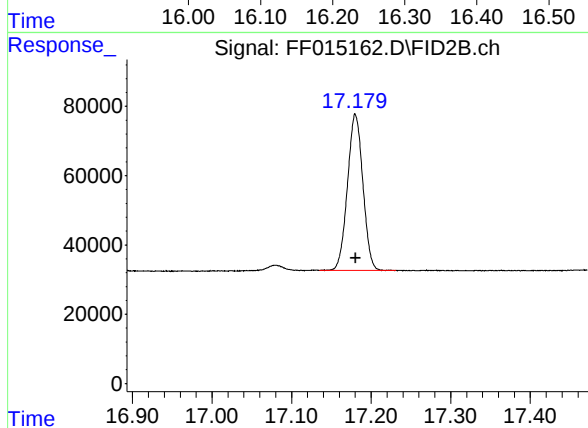
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 635780
Conc: 5.42 ug/ml



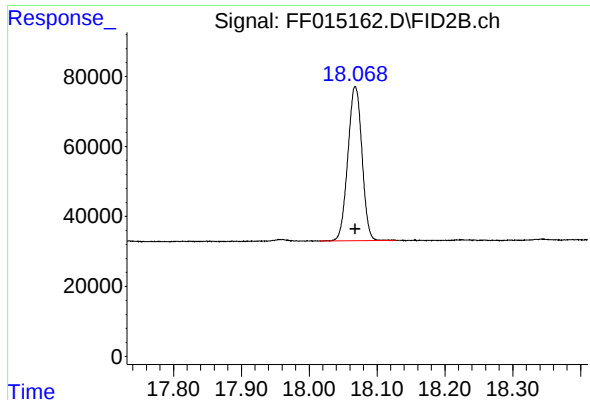
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: 0.000 min
Response: 612061
Conc: 5.42 ug/ml



#16 n-Octacosane (C28)

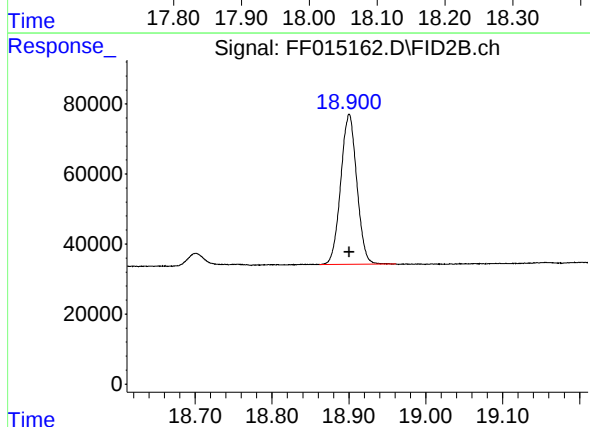
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 607633
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

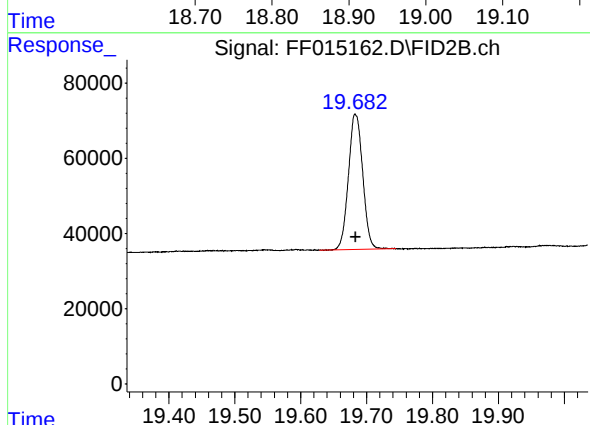
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 636427
Conc: 5.63 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



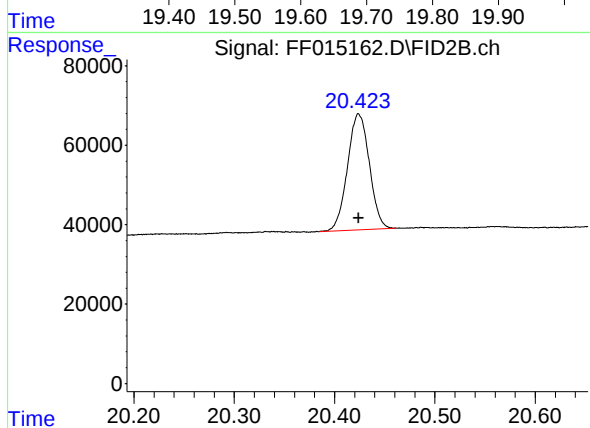
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 622749
Conc: 5.73 ug/ml



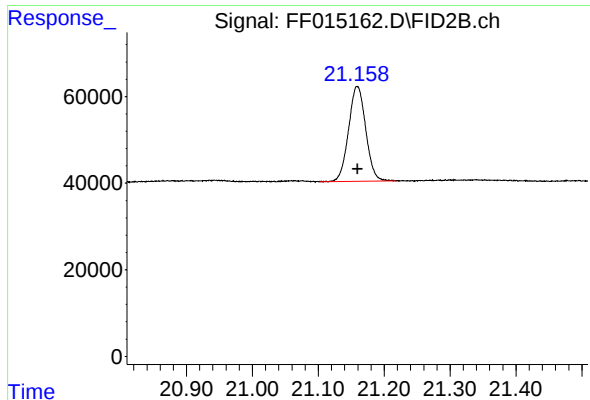
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 541165
Conc: 5.71 ug/ml



#20 n-Hexatriacontane (C36)

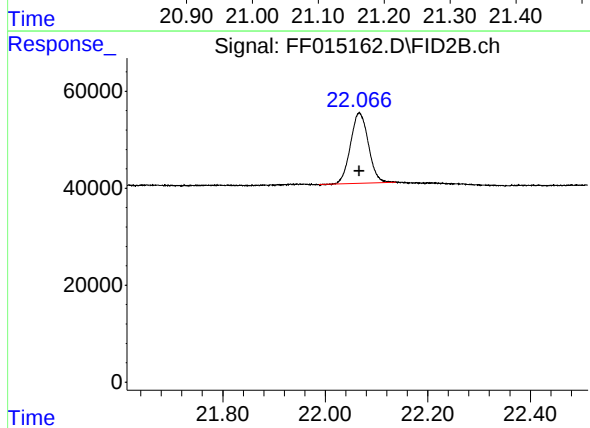
R.T.: 20.424 min
Delta R.T.: 0.000 min
Response: 441007
Conc: 5.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 394765
Conc: 5.70 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: 0.000 min
Response: 351789
Conc: 5.91 ug/ml