

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110723AL\
 Data File : FF013715.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 12:42
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 07 13:00:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 07 12:59:44 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)	11.869	632756	3.832 ug/ml
Spiked Amount 50.000		Recovery =	7.66%
12) S 1-chlorooctadecane (S...	13.310	433693	3.588 ug/ml
Spiked Amount 50.000		Recovery =	7.18%
Target Compounds			
1) T n-Nonane (C9)	3.269	494620	3.817 ug/ml
2) T n-Decane (C10)	4.518	500181	3.781 ug/ml
3) T A~Naphthalene (C11.7)	6.216	510886	3.600 ug/ml
4) T n-Dodecane (C12)	6.681	502063	3.744 ug/ml
5) T A~2-methylnaphthalene...	7.309	476804	3.448 ug/ml
6) T n-Tetradecane (C14)	8.507	490961	3.710 ug/ml
7) T n-Hexadecane (C16)	10.114	500444	3.715 ug/ml
8) T n-Octadecane (C18)	11.555	508794	3.722 ug/ml
10) T n-Eicosane (C20)	12.865	497598	3.686 ug/ml
11) T n-Heneicosane (C21)	13.478	490055	3.685 ug/ml
13) T n-Docosane (C22)	14.064	487623	3.658 ug/ml
14) T n-Tetracosane (C24)	15.168	489390	3.632 ug/ml
15) T n-Hexacosane (C26)	16.190	494818	3.675 ug/ml
16) T n-Octacosane (C28)	17.140	485918	3.673 ug/ml
17) T n-Tricontane (C30)	18.027	493598	3.712 ug/ml
18) T n-Dotriacontane (C32)	18.861	489092	3.761 ug/ml
19) T n-Tetratriacontane (C34)	19.645	454845	3.773 ug/ml
20) T n-Hexatriacontane (C36)	20.385	445300	3.777 ug/ml
21) T n-Octatriacontane (C38)	21.111	443159	3.833 ug/ml
22) T n-Tetracontane (C40)	22.001	450898	3.815 ug/ml

(f)=RT Delta > 1/2 Window

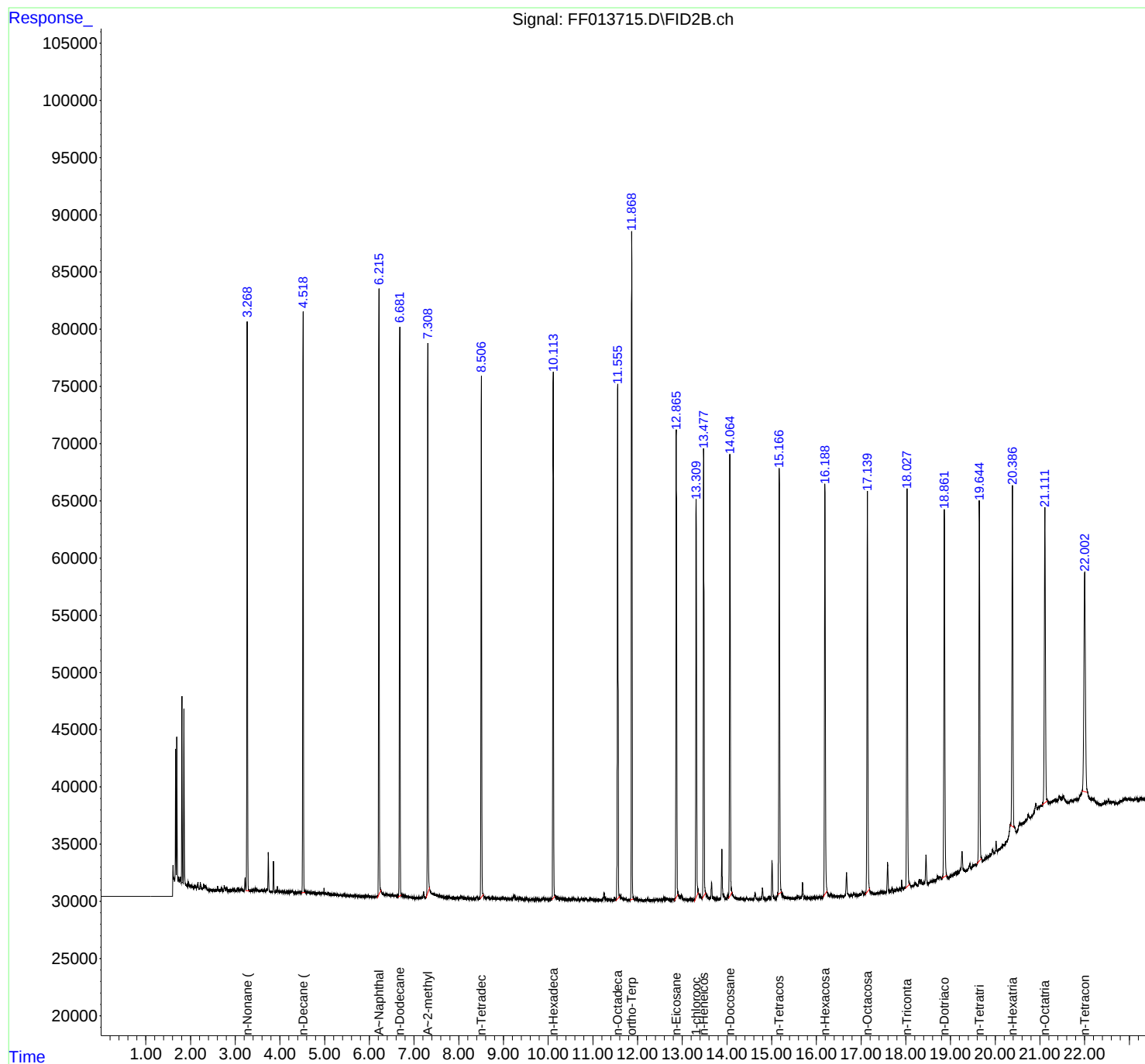
(m)=manual int.

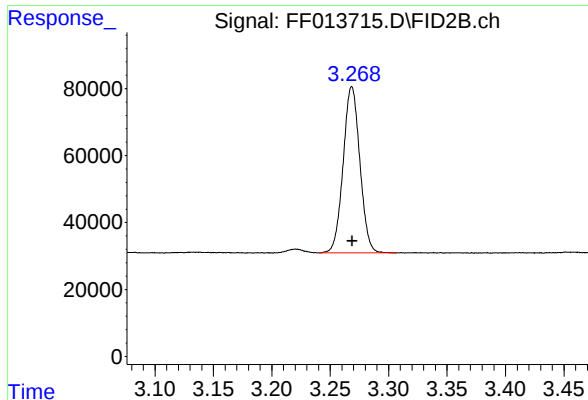
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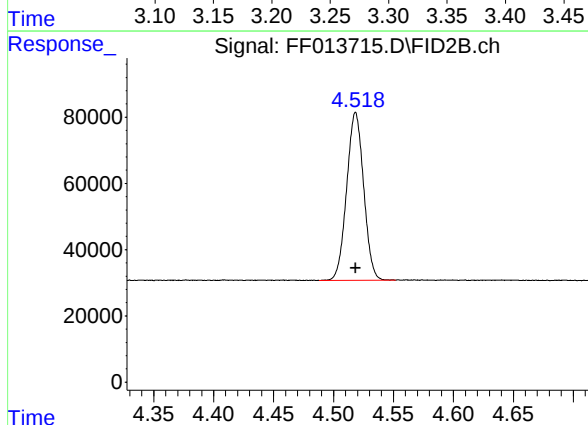




#1 n-Nonane (C9)

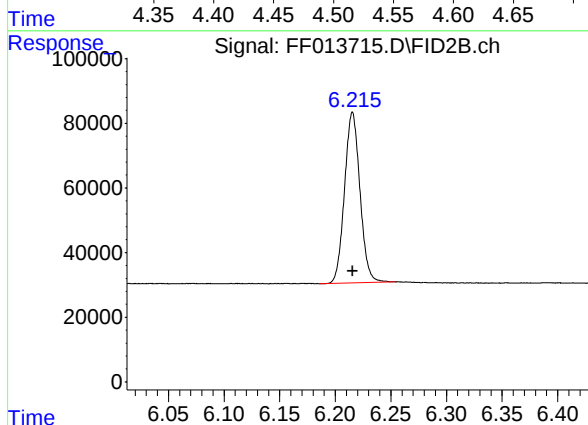
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 494620
Conc: 3.82 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



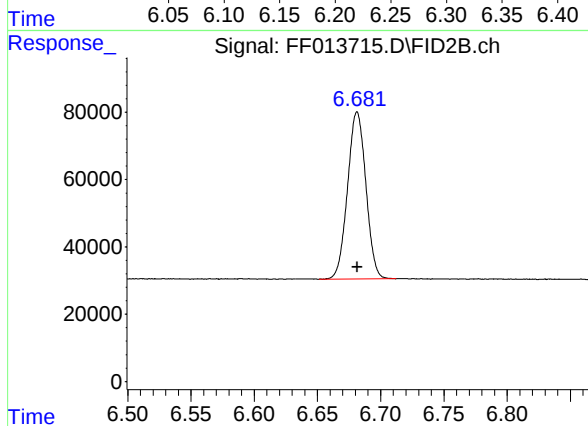
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 500181
Conc: 3.78 ug/ml



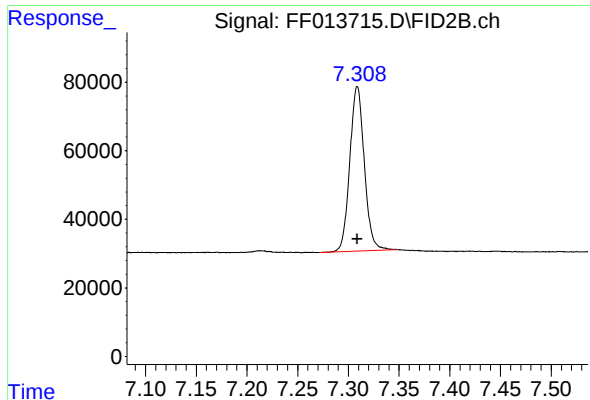
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 510886
Conc: 3.60 ug/ml



#4 n-Dodecane (C12)

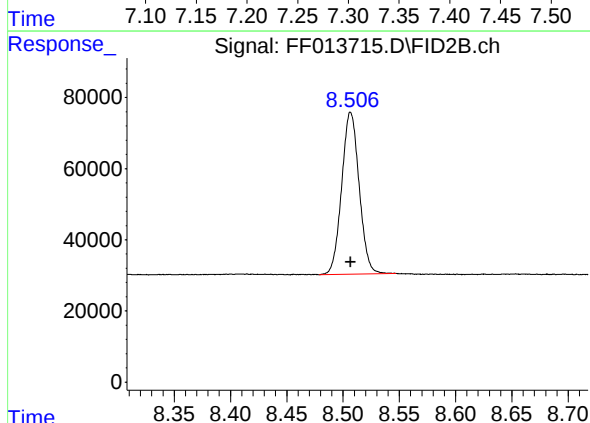
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 502063
Conc: 3.74 ug/ml



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

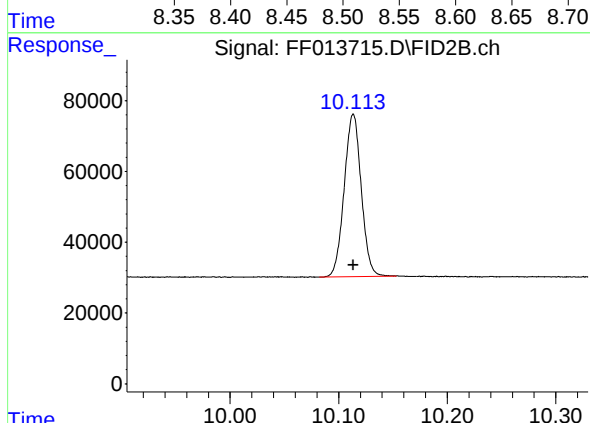
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 476804
Conc: 3.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



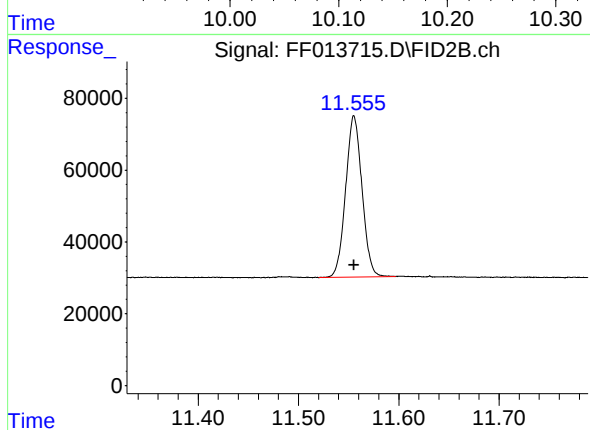
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 490961
Conc: 3.71 ug/ml



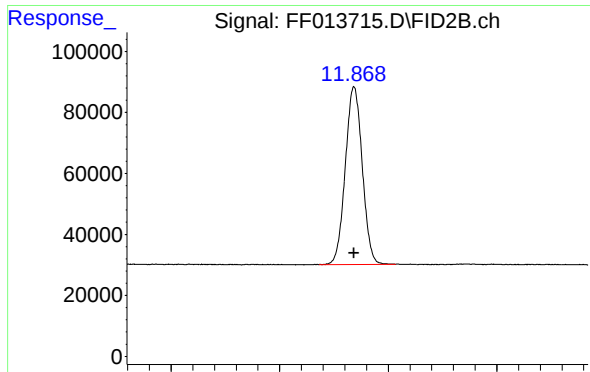
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 500444
Conc: 3.72 ug/ml



#8 n-Octadecane (C18)

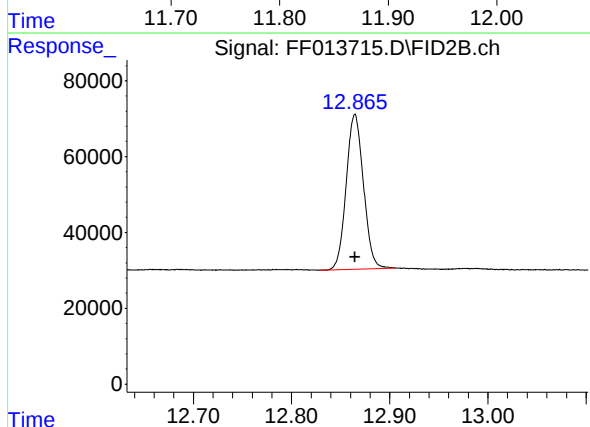
R.T.: 11.555 min
Delta R.T.: 0.000 min
Response: 508794
Conc: 3.72 ug/ml



#9 ortho-Terphenyl (SURR)

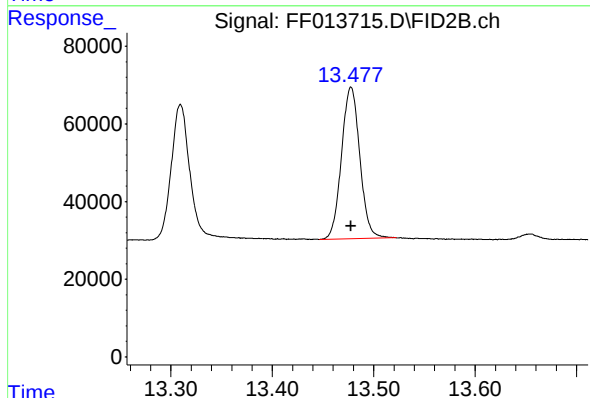
R.T.: 11.869 min
Delta R.T.: 0.000 min
Response: 632756
Conc: 3.83 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



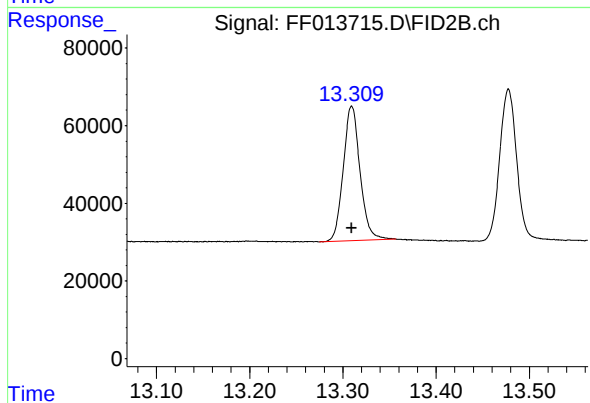
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: 0.000 min
Response: 497598
Conc: 3.69 ug/ml



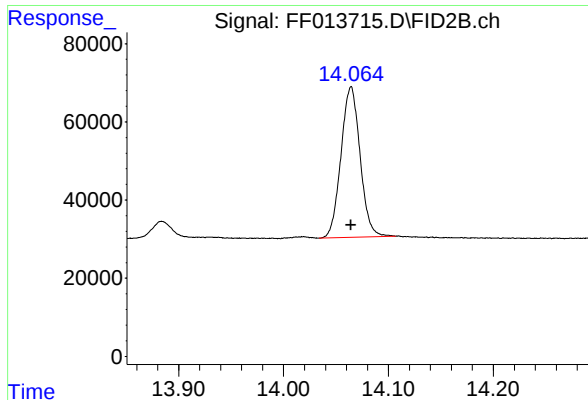
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 490055
Conc: 3.68 ug/ml



#12 1-chlorooctadecane (SURR)

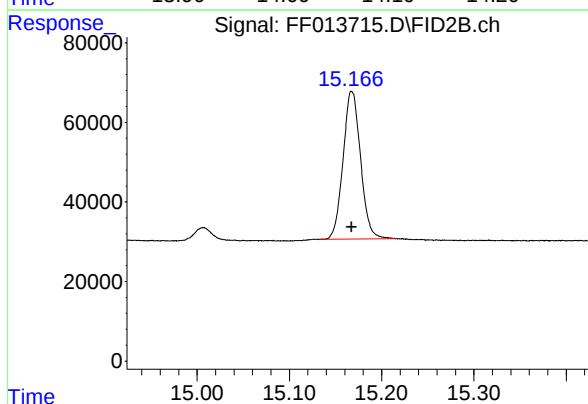
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 433693
Conc: 3.59 ug/ml



#13 n-Docosane (C22)

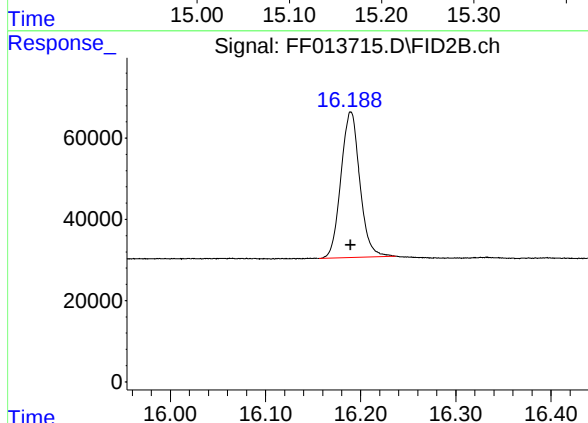
R.T.: 14.064 min
Delta R.T.: 0.000 min
Response: 487623
Conc: 3.66 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



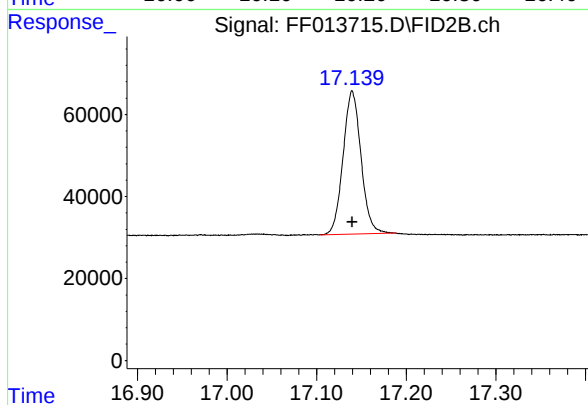
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 489390
Conc: 3.63 ug/ml



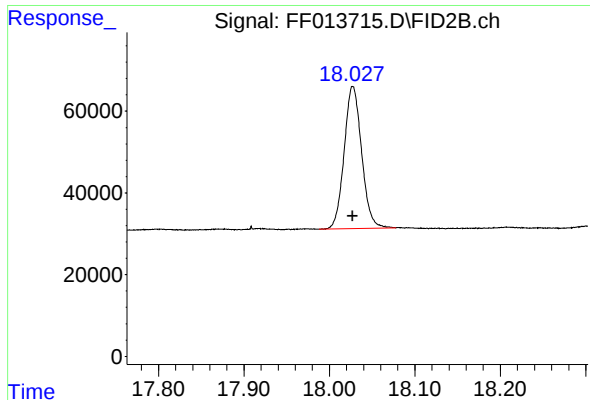
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 494818
Conc: 3.68 ug/ml



#16 n-Octacosane (C28)

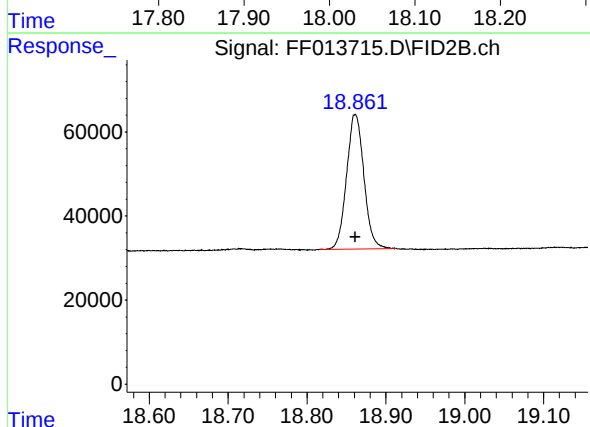
R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 485918
Conc: 3.67 ug/ml



#17 n-Tricontane (C30)

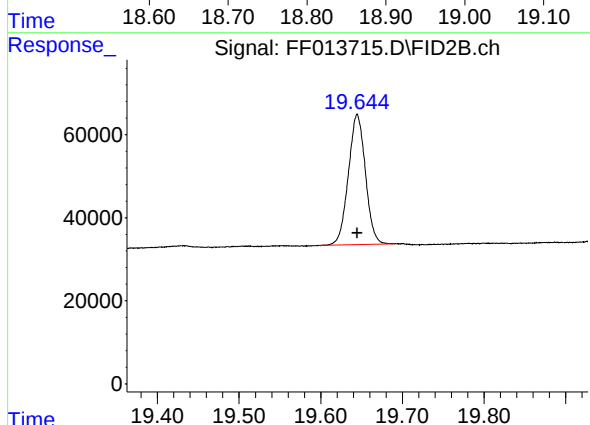
R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 493598
Conc: 3.71 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



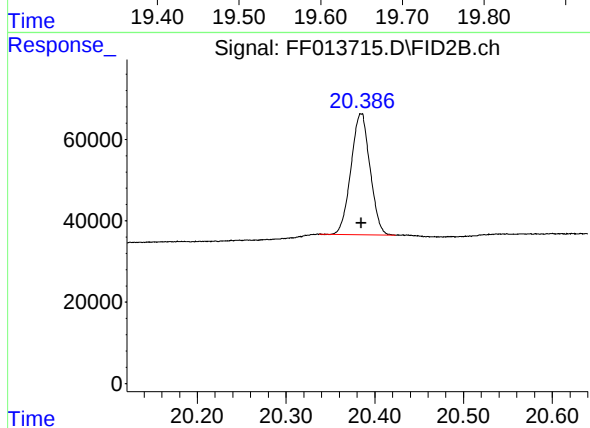
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 489092
Conc: 3.76 ug/ml



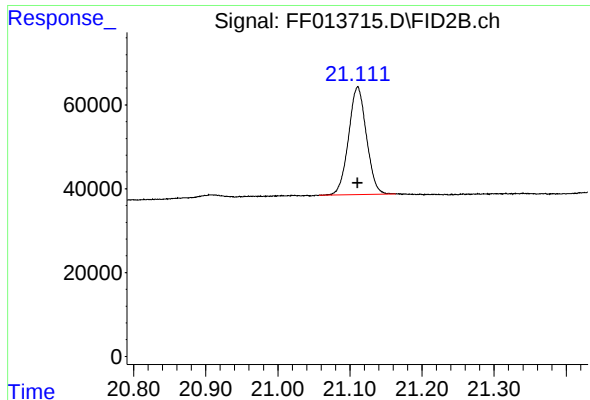
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 454845
Conc: 3.77 ug/ml



#20 n-Hexatriacontane (C36)

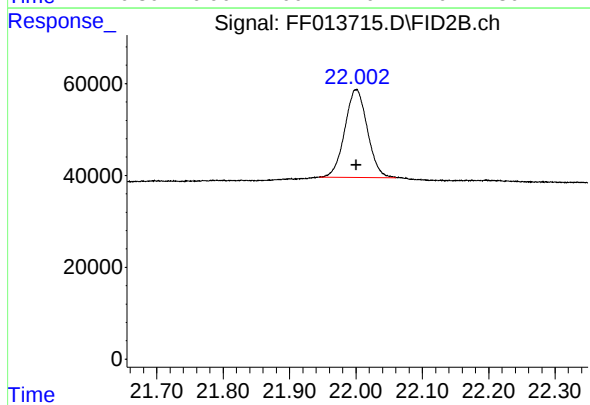
R.T.: 20.385 min
Delta R.T.: 0.000 min
Response: 445300
Conc: 3.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 443159
Conc: 3.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.000 min
Response: 450898
Conc: 3.82 ug/ml