

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052223AL\
 Data File : FF012678.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 02:58:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.906	3446161	21.515 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
12) S 1-chlorooctadecane (S...	12.339	2549410	21.571 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T n-Nonane (C9)	2.769	2827604	21.607 ug/ml
2) T n-Decane (C10)	3.777	2894282	21.664 ug/ml
3) T A~Naphthalene (C11.7)	5.342	2965590	21.048 ug/ml
4) T n-Dodecane (C12)	5.762	2921942	21.587 ug/ml
5) T A~2-methylnaphthalene...	6.391	2794667	21.057 ug/ml
6) T n-Tetradecane (C14)	7.551	2875001	21.488 ug/ml
7) T n-Hexadecane (C16)	9.148	2967674	21.437 ug/ml
8) T n-Octadecane (C18)	10.587	3069299	21.561 ug/ml
10) T n-Eicosane (C20)	11.894	2976236	21.642 ug/ml
11) T n-Heneicosane (C21)	12.505	2925757	21.634 ug/ml
13) T n-Docosane (C22)	13.089	2892479	21.607 ug/ml
14) T n-Tetracosane (C24)	14.190	2838360	21.587 ug/ml
15) T n-Hexacosane (C26)	15.209	2748680	21.618 ug/ml
16) T n-Octacosane (C28)	16.157	2656426	21.606 ug/ml
17) T n-Tricontane (C30)	17.042	2691533	21.802 ug/ml
18) T n-Dotriacontane (C32)	17.875	2642370	21.839 ug/ml
19) T n-Tetratriacontane (C34)	18.656	2429729	20.768 ug/ml
20) T n-Hexatriacontane (C36)	19.395	2462049	21.852 ug/ml
21) T n-Octatriacontane (C38)	20.122	2418721	21.715 ug/ml
22) T n-Tetracontane (C40)	21.016	2334599	21.157 ug/ml

(f)=RT Delta > 1/2 Window

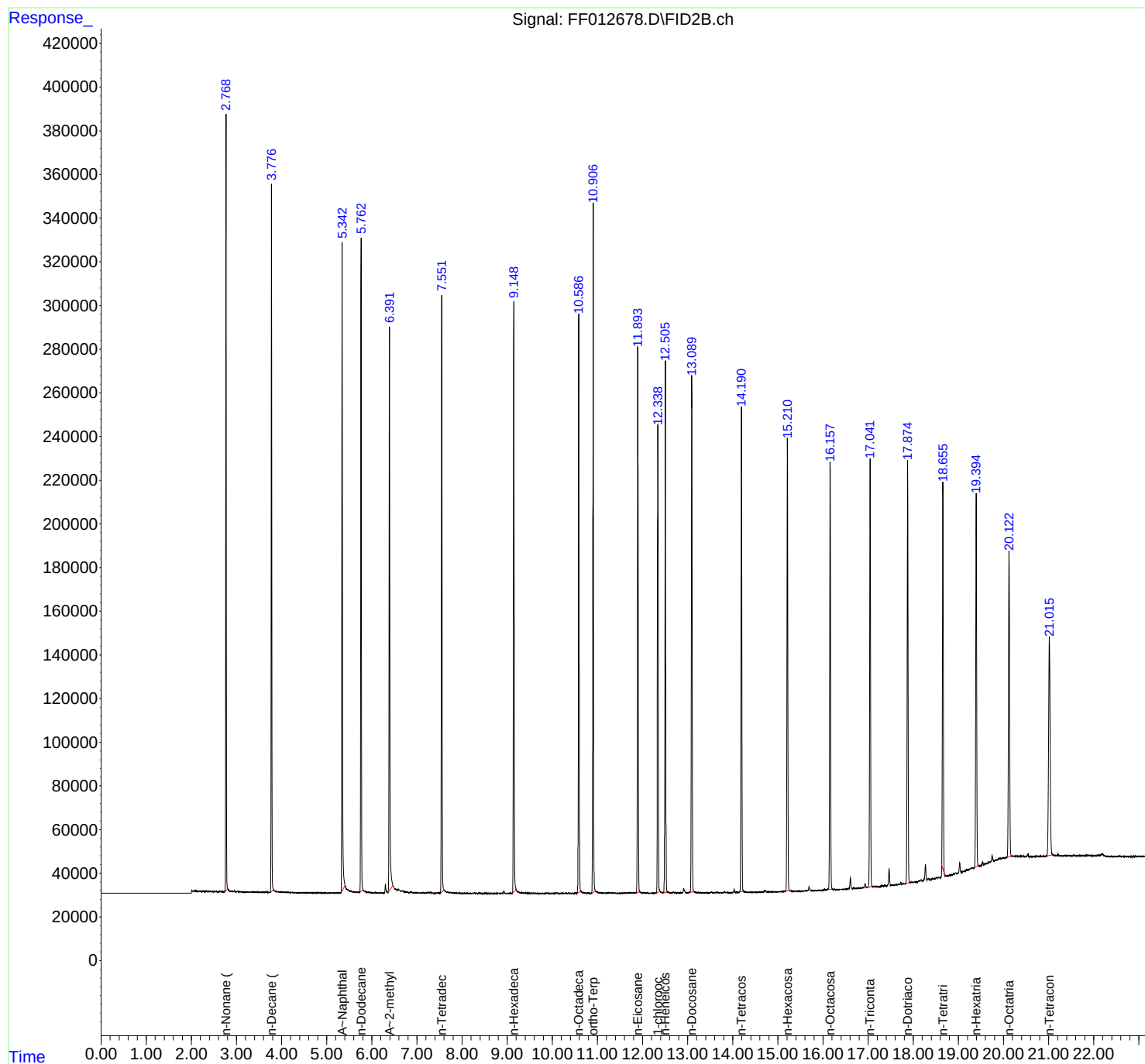
(m)=manual int.

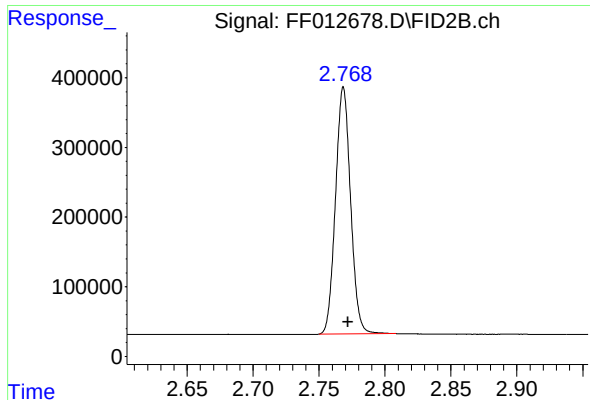
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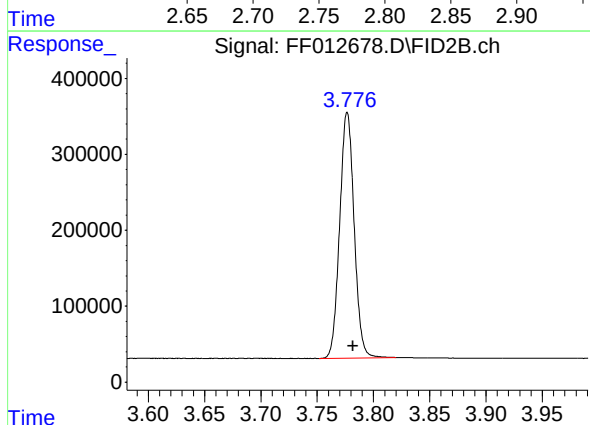




#1 n-Nonane (C9)

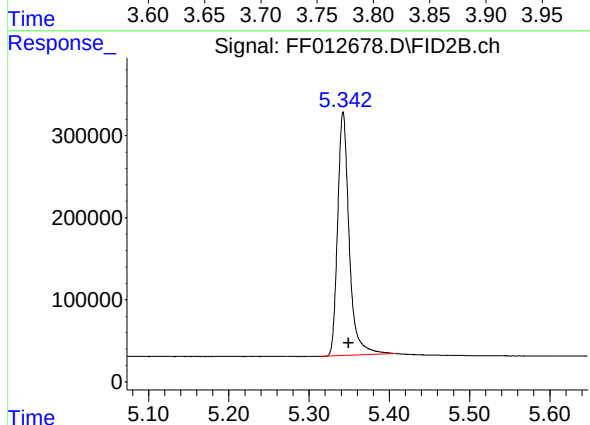
R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 2827604
Conc: 21.61 ug/ml

Instrument :
FID_F
ClientSampleId :



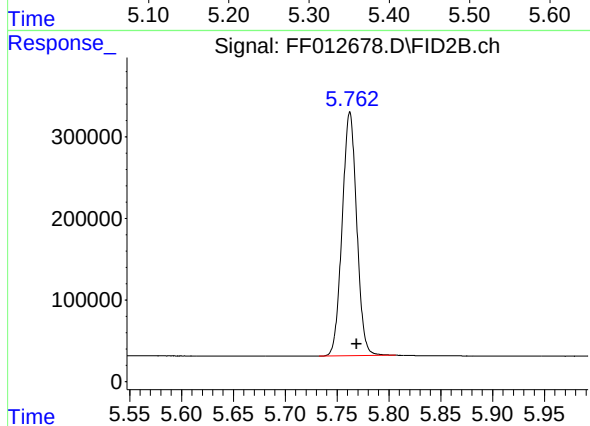
#2 n-Decane (C10)

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 2894282
Conc: 21.66 ug/ml



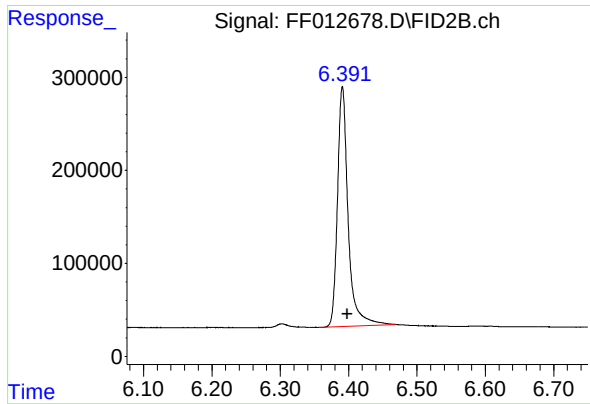
#3 A~Naphthalene (C11.7)

R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 2965590
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

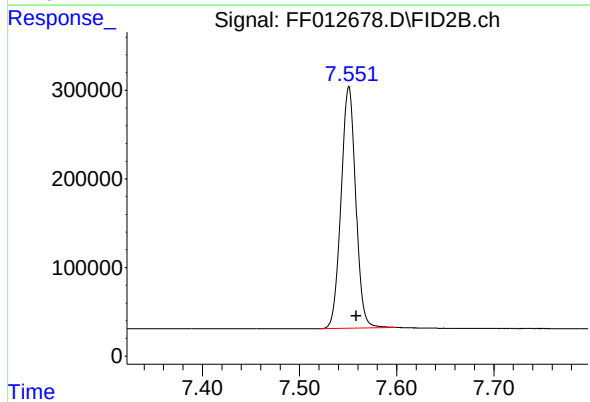
R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 2921942
Conc: 21.59 ug/ml



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

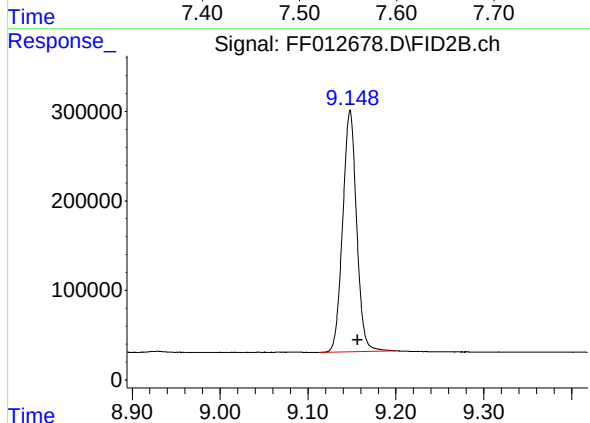
R.T.: 6.391 min
Delta R.T.: -0.007 min
Response: 2794667
Conc: 21.06 ug/ml

Instrument :
FID_F
ClientSampleId :



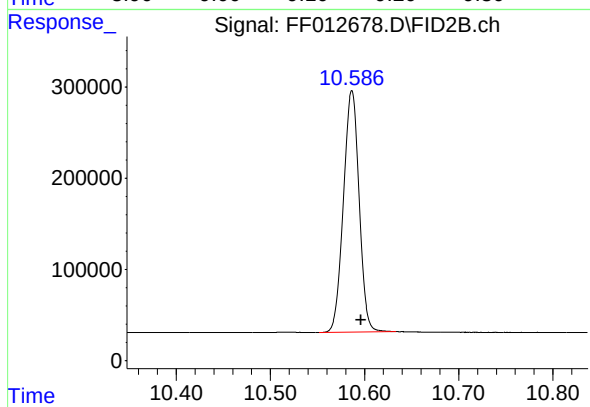
#6 n-Tetradecane (C14)

R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 2875001
Conc: 21.49 ug/ml



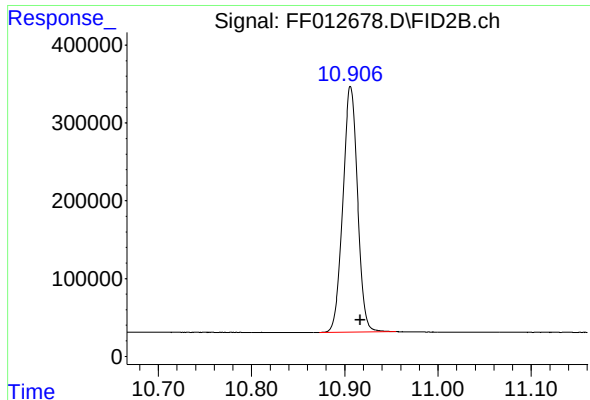
#7 n-Hexadecane (C16)

R.T.: 9.148 min
Delta R.T.: -0.009 min
Response: 2967674
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

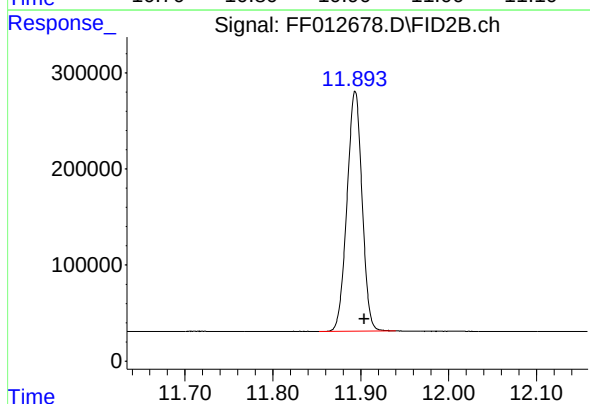
R.T.: 10.587 min
Delta R.T.: -0.010 min
Response: 3069299
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

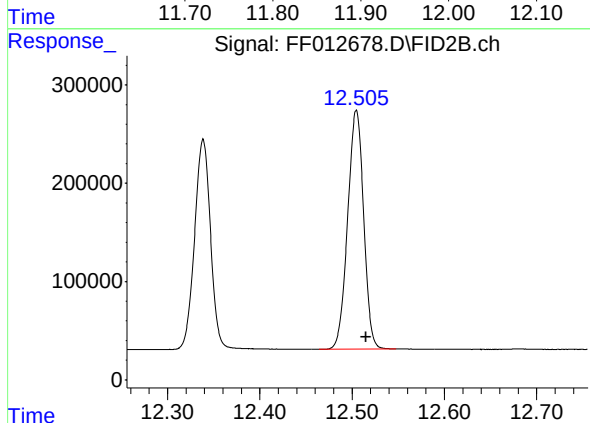
R.T.: 10.906 min
Delta R.T.: -0.011 min
Response: 3446161
Conc: 21.51 ug/ml

Instrument :
FID_F
ClientSampleId :



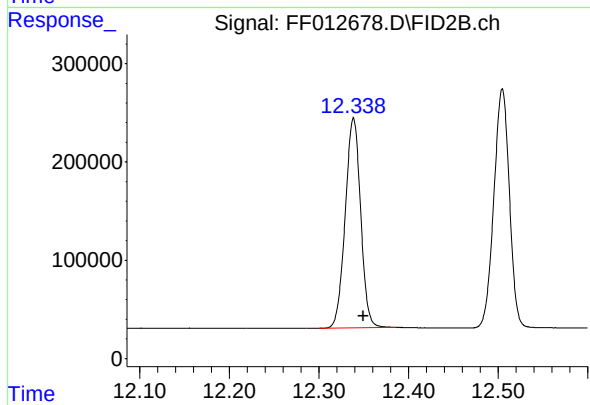
#10 n-Eicosane (C20)

R.T.: 11.894 min
Delta R.T.: -0.010 min
Response: 2976236
Conc: 21.64 ug/ml



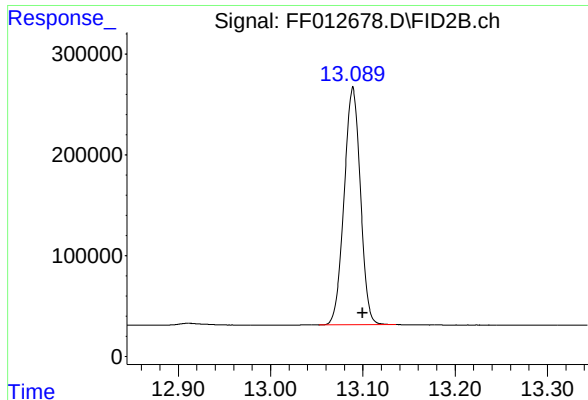
#11 n-Heneicosane (C21)

R.T.: 12.505 min
Delta R.T.: -0.010 min
Response: 2925757
Conc: 21.63 ug/ml



#12 1-chlorooctadecane (SURR)

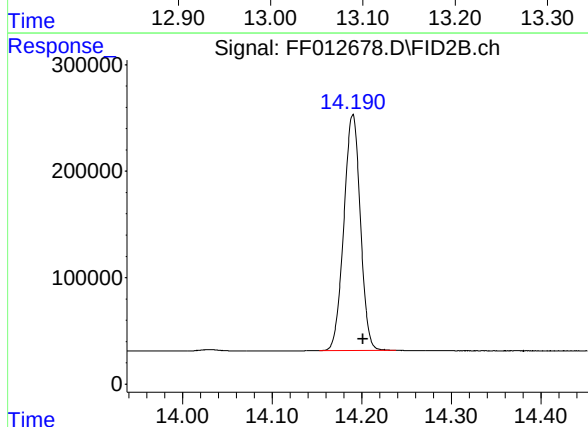
R.T.: 12.339 min
Delta R.T.: -0.011 min
Response: 2549410
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

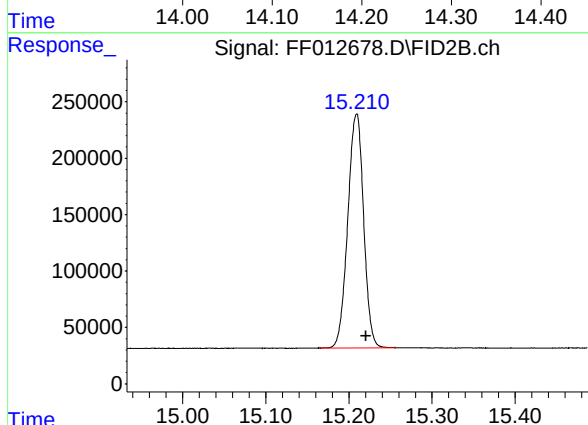
R.T.: 13.089 min
Delta R.T.: -0.011 min
Response: 2892479
Conc: 21.61 ug/ml

Instrument :
FID_F
ClientSampleId :



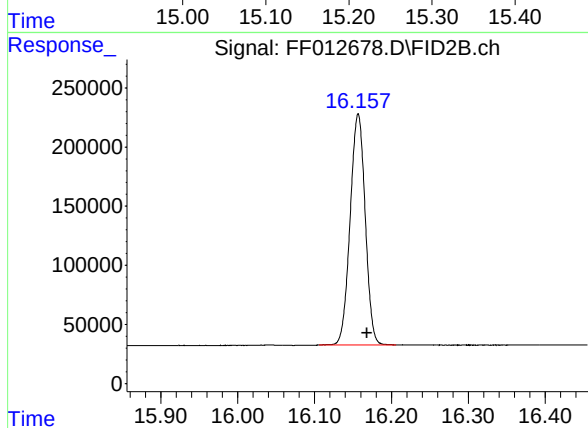
#14 n-Tetracosane (C24)

R.T.: 14.190 min
Delta R.T.: -0.011 min
Response: 2838360
Conc: 21.59 ug/ml



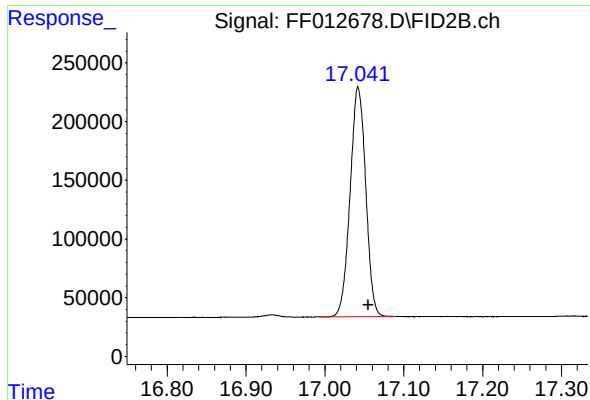
#15 n-Hexacosane (C26)

R.T.: 15.209 min
Delta R.T.: -0.011 min
Response: 2748680
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

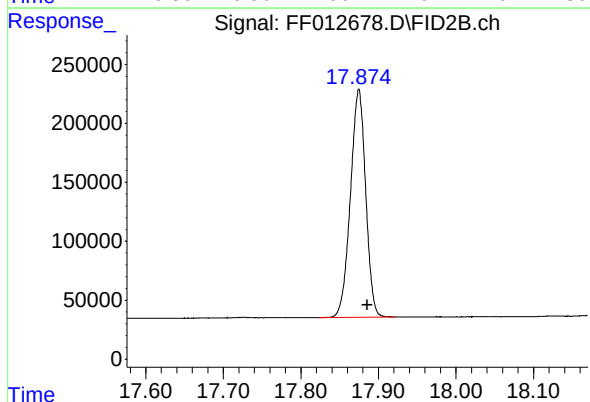
R.T.: 16.157 min
Delta R.T.: -0.011 min
Response: 2656426
Conc: 21.61 ug/ml



#17 n-Tricontane (C30)

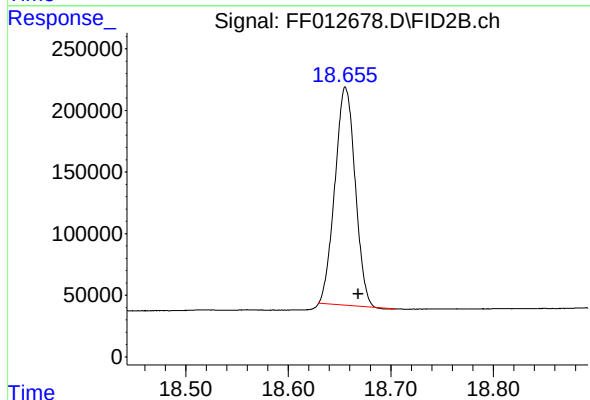
R.T.: 17.042 min
Delta R.T.: -0.013 min
Response: 2691533
Conc: 21.80 ug/ml

Instrument :
FID_F
ClientSampleId :



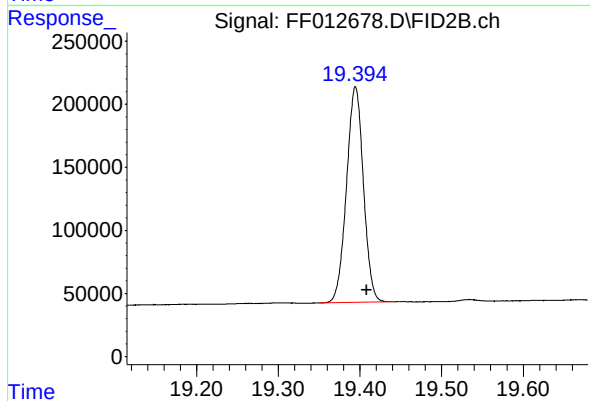
#18 n-Dotriacontane (C32)

R.T.: 17.875 min
Delta R.T.: -0.011 min
Response: 2642370
Conc: 21.84 ug/ml



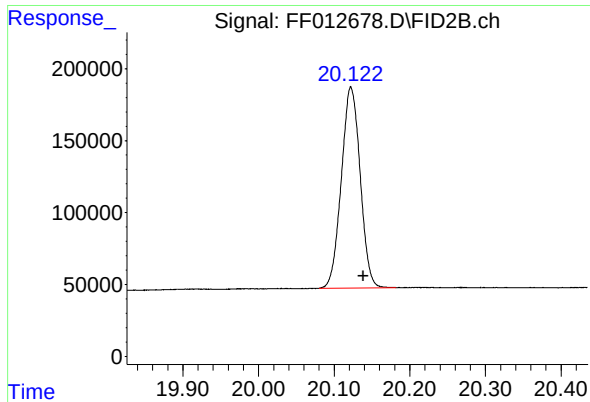
#19 n-Tetatriacontane (C34)

R.T.: 18.656 min
Delta R.T.: -0.013 min
Response: 2429729
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

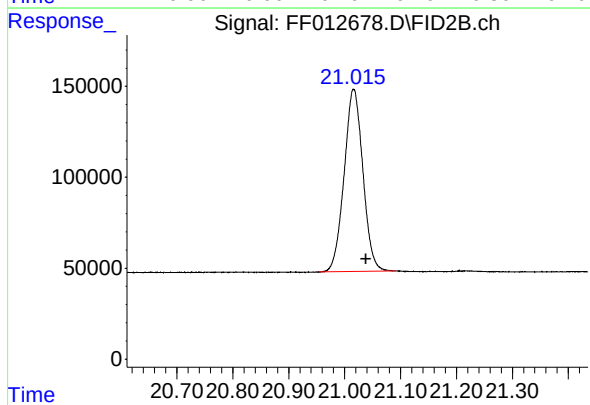
R.T.: 19.395 min
Delta R.T.: -0.014 min
Response: 2462049
Conc: 21.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.122 min
Delta R.T.: -0.017 min
Response: 2418721
Conc: 21.71 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.016 min
Delta R.T.: -0.022 min
Response: 2334599
Conc: 21.16 ug/ml