

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013205.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 13:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 23:54:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.887	2702411	19.669 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
12) S 1-chlorooctadecane (S...	13.326	2063246	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.282	2104349	19.694 ug/ml
2) T n-Decane (C10)	4.535	2109016	19.680 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2329314	19.675 ug/ml
4) T n-Dodecane (C12)	6.699	2129570	19.680 ug/ml
5) T A~2-methylnaphthalene...	7.325	2331212	19.667 ug/ml
6) T n-Tetradecane (C14)	8.524	2120708	19.646 ug/ml
7) T n-Hexadecane (C16)	10.131	2132341	19.671 ug/ml
8) T n-Octadecane (C18)	11.573	2152280	19.656 ug/ml
10) T n-Eicosane (C20)	12.882	2158590	19.672 ug/ml
11) T n-Heneicosane (C21)	13.493	2165075	19.706 ug/ml
13) T n-Docosane (C22)	14.079	2163939	19.710 ug/ml
14) T n-Tetracosane (C24)	15.181	2169862	19.750 ug/ml
15) T n-Hexacosane (C26)	16.202	2162207	19.784 ug/ml
16) T n-Octacosane (C28)	17.151	2139694	19.817 ug/ml
17) T n-Tricontane (C30)	18.037	2164092	19.789 ug/ml
18) T n-Dotriacontane (C32)	18.870	2178223	19.284 ug/ml
19) T n-Tetratriacontane (C34)	19.651	2101457	19.784 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2103746	19.959 ug/ml
21) T n-Octatriacontane (C38)	21.119	2037403	20.172 ug/ml
22) T n-Tetracontane (C40)	22.014	1999019	20.113 ug/ml

(f)=RT Delta > 1/2 Window

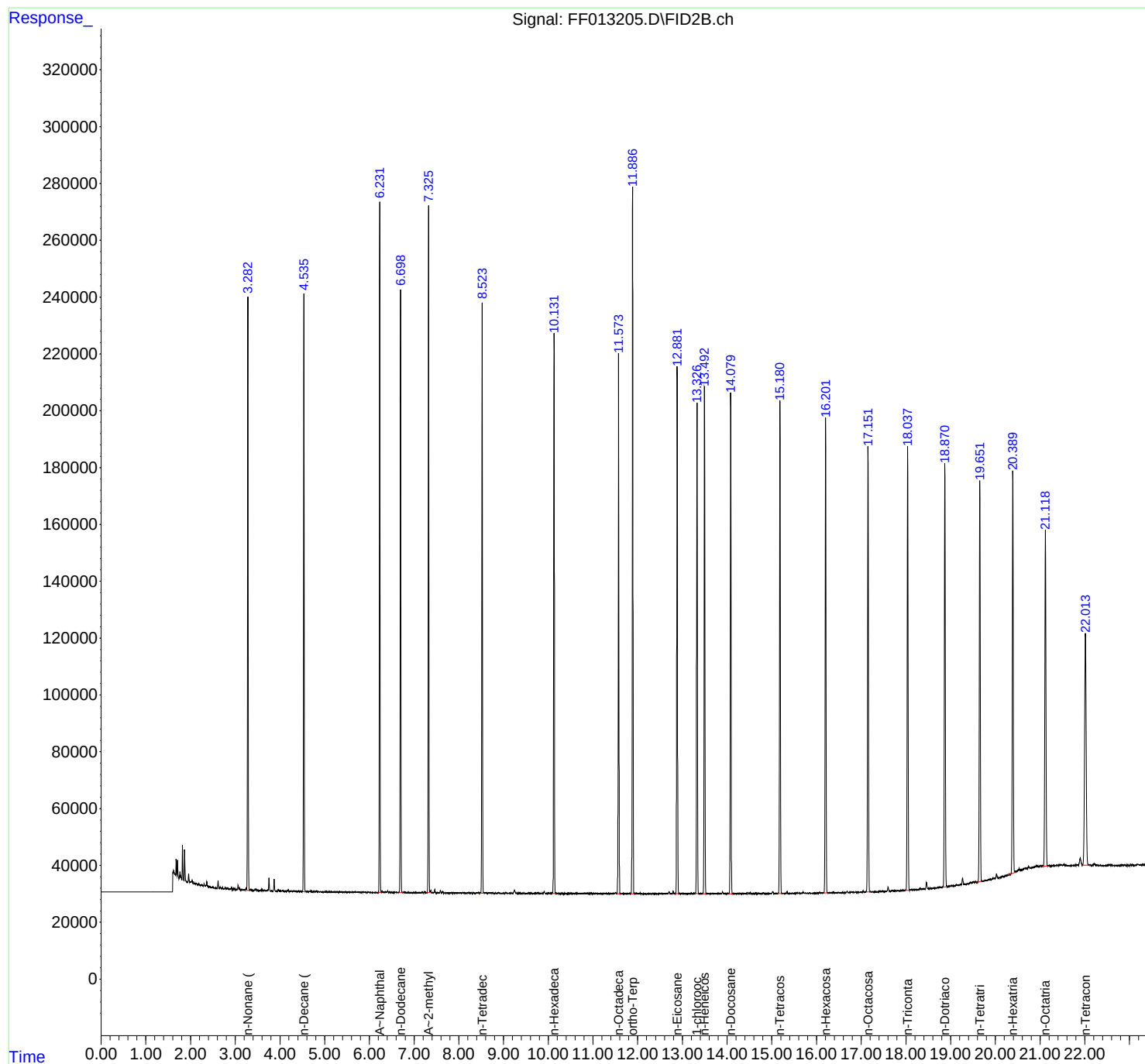
(m)=manual int.

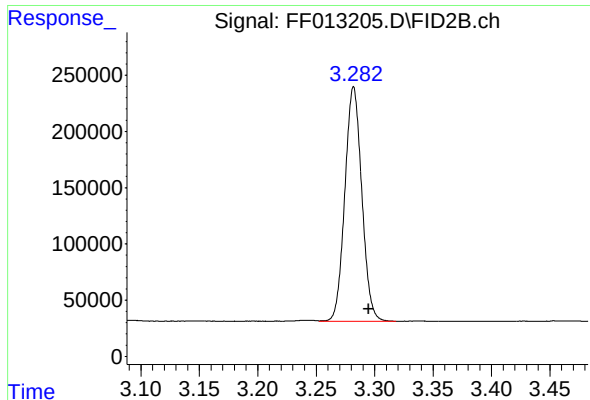
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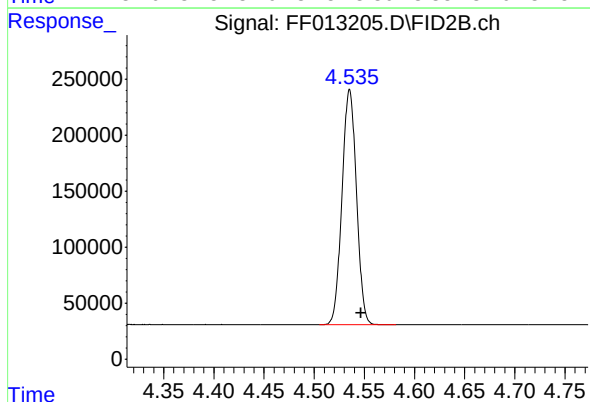




#1 n-Nonane (C9)

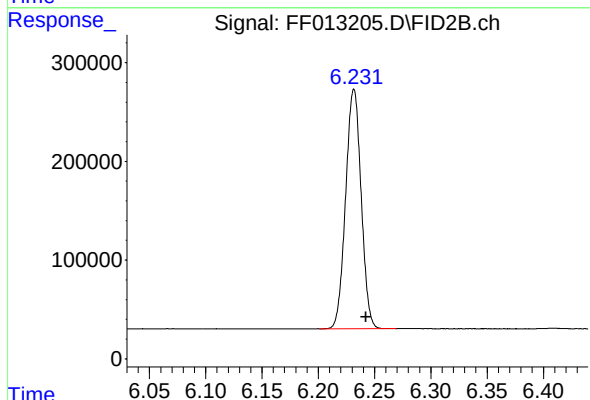
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2104349
Conc: 19.69 ug/ml

Instrument :
FID_F
ClientSampleId :



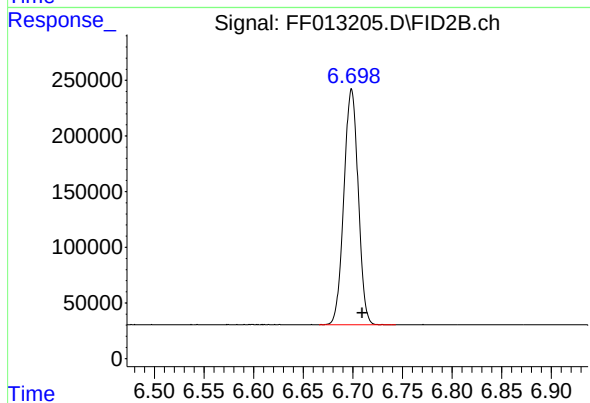
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.011 min
Response: 2109016
Conc: 19.68 ug/ml



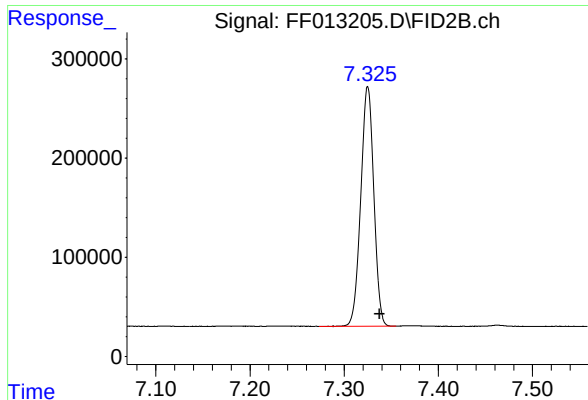
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.011 min
Response: 2329314
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2129570
Conc: 19.68 ug/ml



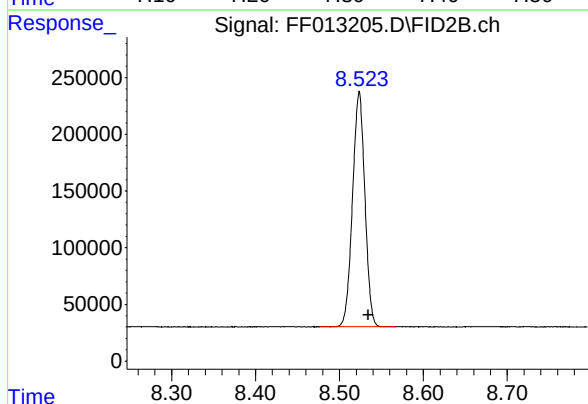
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2331212
Conc: 19.67 ug/ml

Instrument :

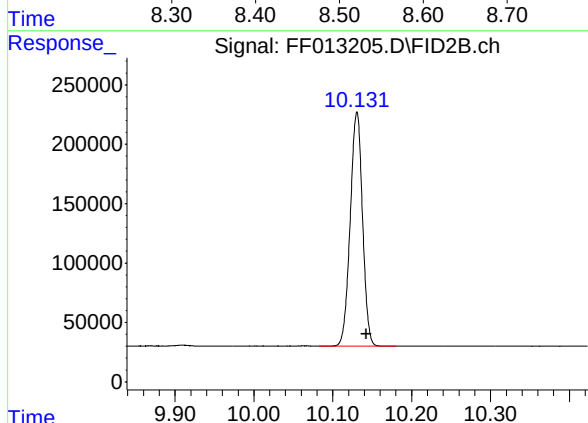
FID_F

ClientSampleId :



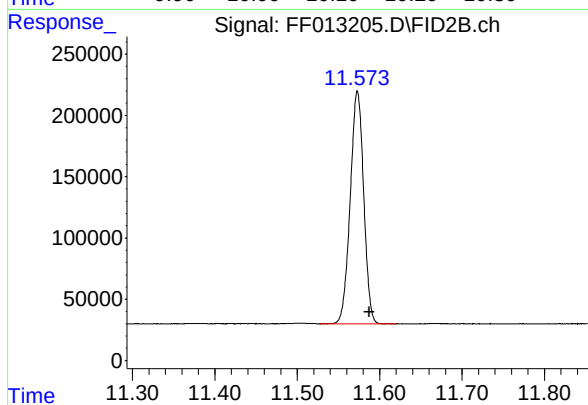
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.011 min
Response: 2120708
Conc: 19.65 ug/ml



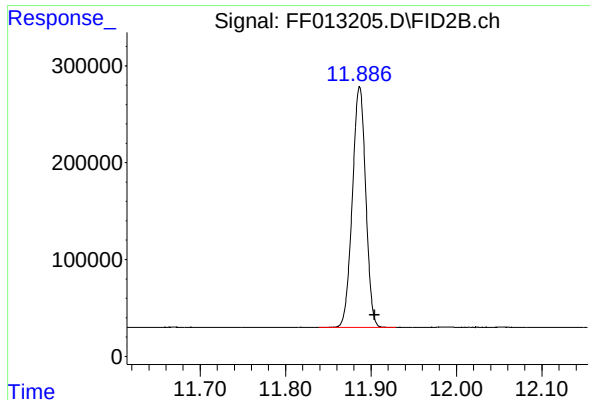
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.012 min
Response: 2132341
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

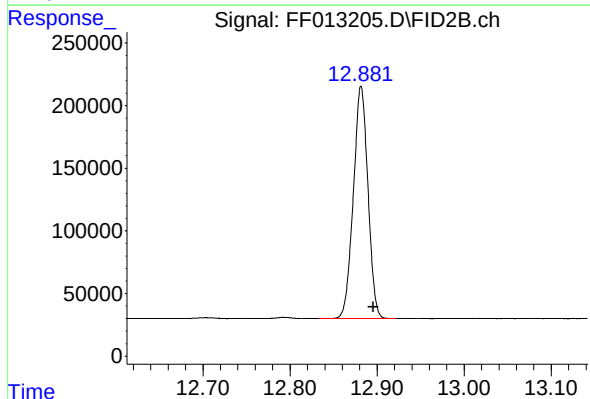
R.T.: 11.573 min
Delta R.T.: -0.014 min
Response: 2152280
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

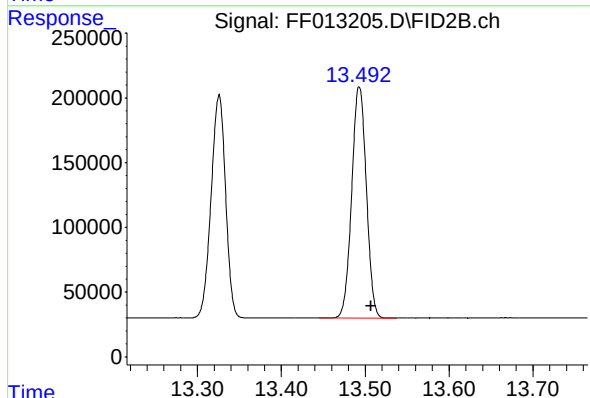
R.T.: 11.887 min
Delta R.T.: -0.018 min
Response: 2702411
Conc: 19.67 ug/ml

Instrument :
FID_F
ClientSampleId :



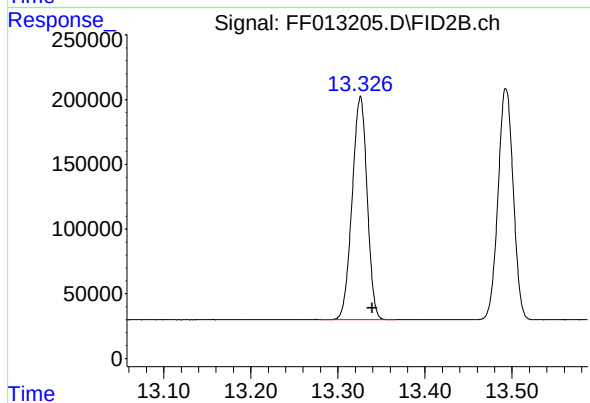
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.014 min
Response: 2158590
Conc: 19.67 ug/ml



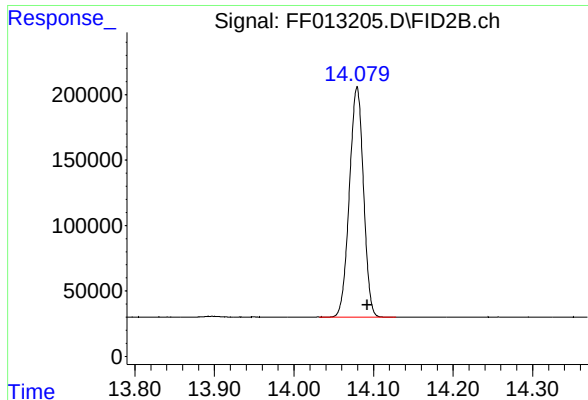
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.014 min
Response: 2165075
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

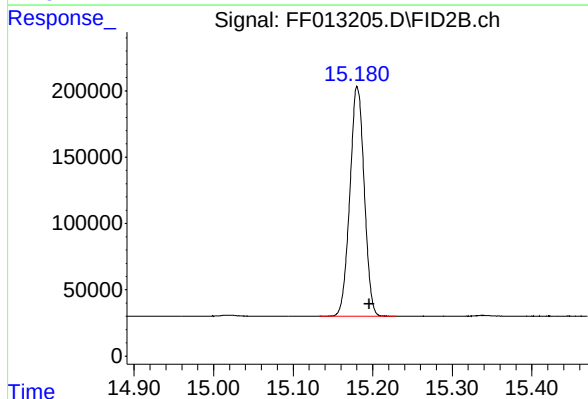
R.T.: 13.326 min
Delta R.T.: -0.013 min
Response: 2063246
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

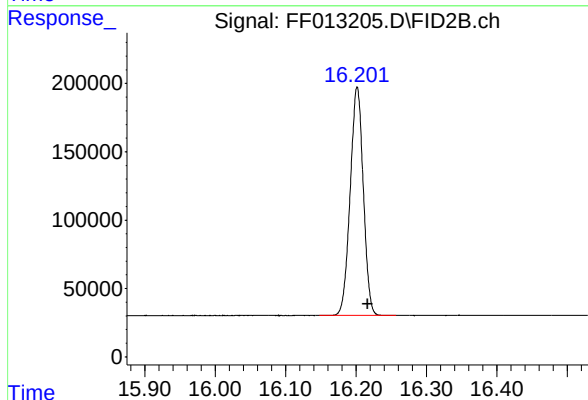
R.T.: 14.079 min
Delta R.T.: -0.013 min
Response: 2163939
Conc: 19.71 ug/ml

Instrument :
FID_F
ClientSampleId :



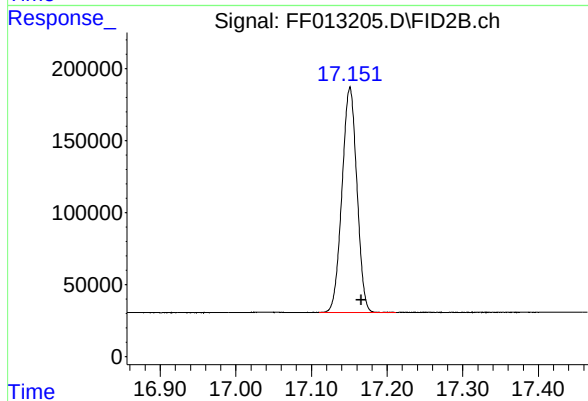
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.015 min
Response: 2169862
Conc: 19.75 ug/ml



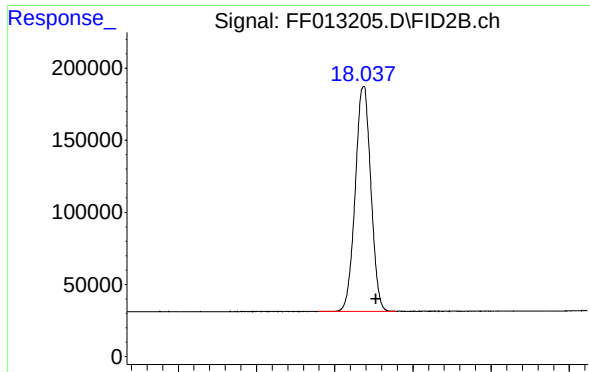
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.015 min
Response: 2162207
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

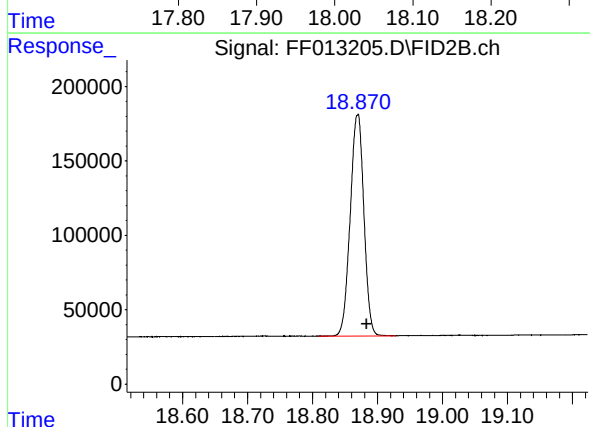
R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 2139694
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

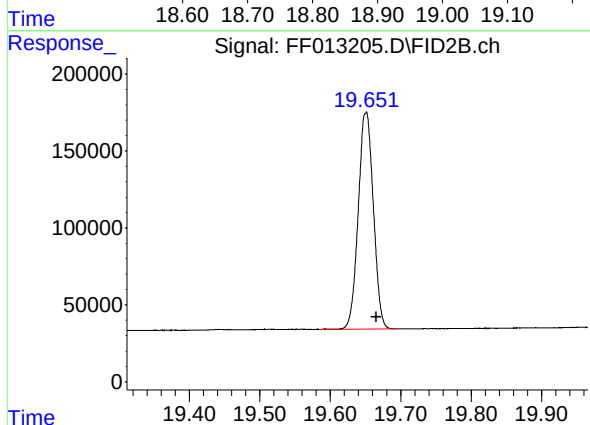
R.T.: 18.037 min
Delta R.T.: -0.016 min
Response: 2164092
Conc: 19.79 ug/ml

Instrument :
FID_F
ClientSampleId :



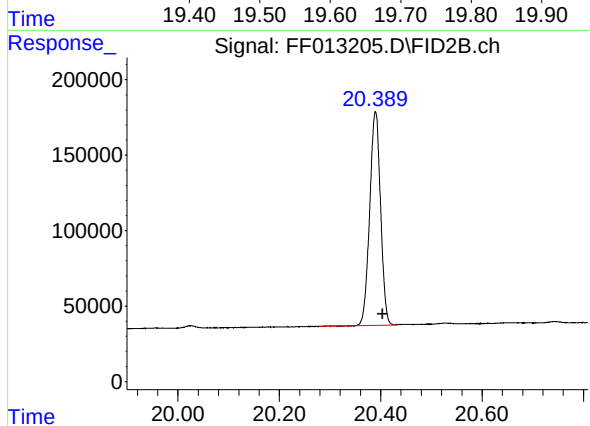
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.014 min
Response: 2178223
Conc: 19.28 ug/ml



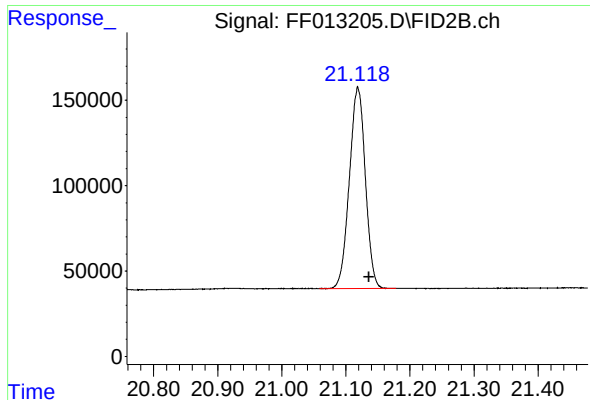
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.015 min
Response: 2101457
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

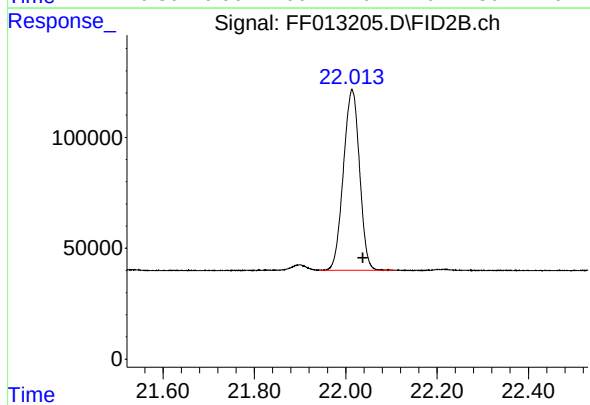
R.T.: 20.390 min
Delta R.T.: -0.014 min
Response: 2103746
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: -0.017 min
Response: 2037403
Conc: 20.17 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.024 min
Response: 1999019
Conc: 20.11 ug/ml