

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082323AL\
 Data File : FF013302.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 09:25
 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 24 01:09:14 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)	11.888	2610363	18.999 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.326	2005478	19.137 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.279	2014227	18.851 ug/ml
2) T n-Decane (C10)	4.533	2023817	18.885 ug/ml
3) T A~Naphthalene (C11.7)	6.231	2234017	18.870 ug/ml
4) T n-Dodecane (C12)	6.697	2044995	18.899 ug/ml
5) T A~2-methylnaphthalene...	7.325	2237796	18.879 ug/ml
6) T n-Tetradecane (C14)	8.522	2038826	18.888 ug/ml
7) T n-Hexadecane (C16)	10.129	2057648	18.982 ug/ml
8) T n-Octadecane (C18)	11.573	2082473	19.018 ug/ml
10) T n-Eicosane (C20)	12.882	2100932	19.146 ug/ml
11) T n-Heneicosane (C21)	13.494	2097535	19.092 ug/ml
13) T n-Docosane (C22)	14.080	2123165	19.339 ug/ml
14) T n-Tetracosane (C24)	15.183	2194490	19.974 ug/ml
15) T n-Hexacosane (C26)	16.203	2207600	20.199 ug/ml
16) T n-Octacosane (C28)	17.151	2233043	20.682 ug/ml
17) T n-Tricontane (C30)	18.039	2301535	21.046 ug/ml
18) T n-Dotriacontane (C32)	18.870	2297642	20.341 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2125594	20.011 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2223602	21.096 ug/ml
21) T n-Octatriacontane (C38)	21.121	2040831	20.206 ug/ml
22) T n-Tetracontane (C40)	22.016	1993414	20.056 ug/ml

(f)=RT Delta > 1/2 Window

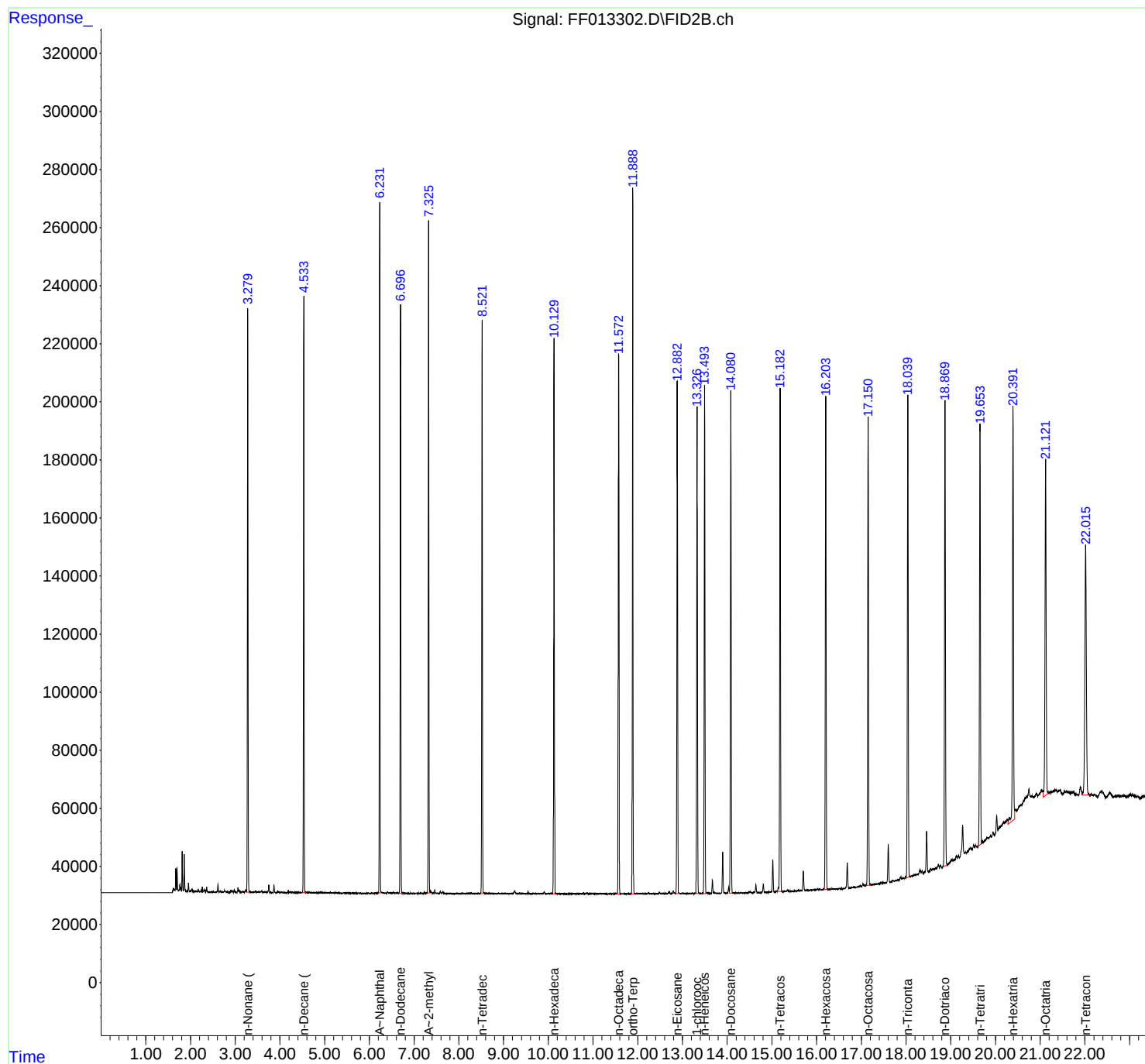
(m)=manual int.

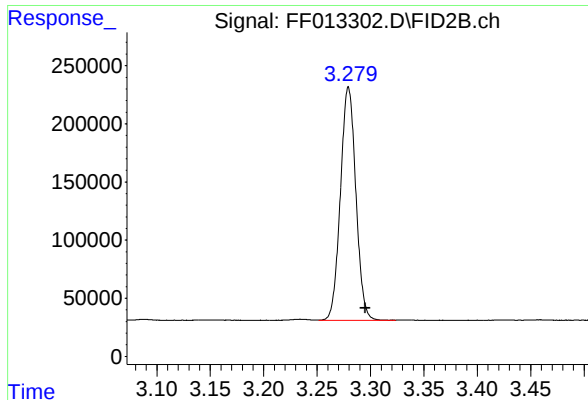
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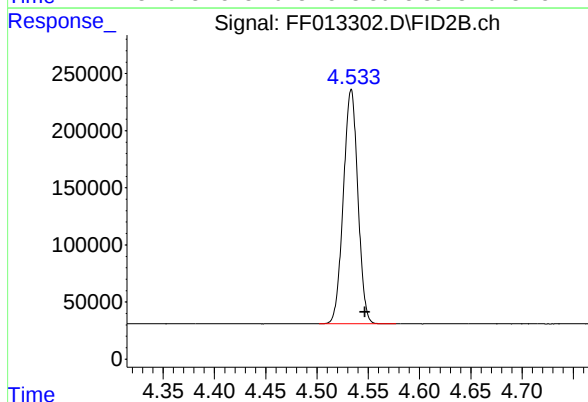




#1 n-Nonane (C9)

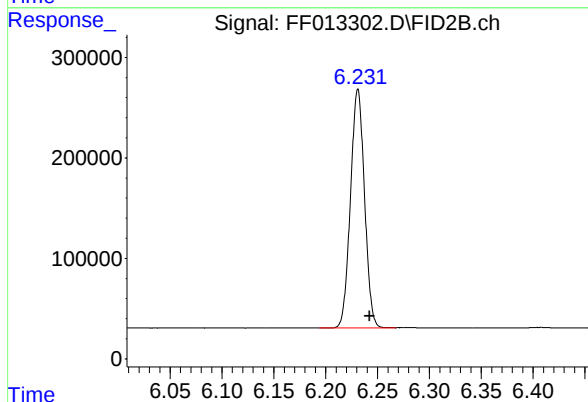
R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 2014227
Conc: 18.85 ug/ml

Instrument :
FID_F
ClientSampleId :



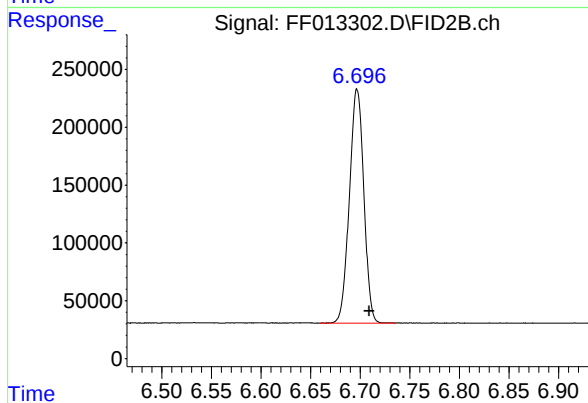
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.013 min
Response: 2023817
Conc: 18.89 ug/ml



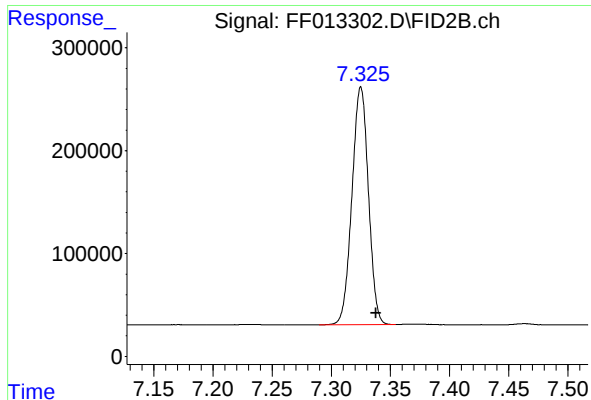
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.011 min
Response: 2234017
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

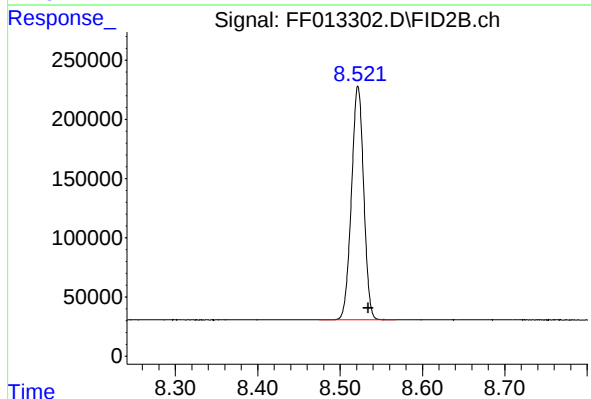
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 2044995
Conc: 18.90 ug/ml



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

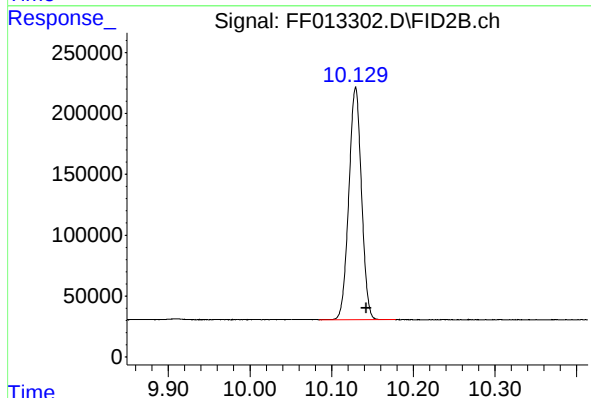
R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2237796
Conc: 18.88 ug/ml

Instrument :
FID_F
ClientSampleId :



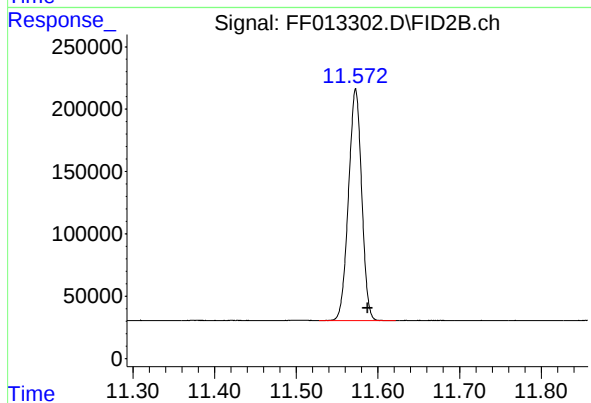
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.012 min
Response: 2038826
Conc: 18.89 ug/ml



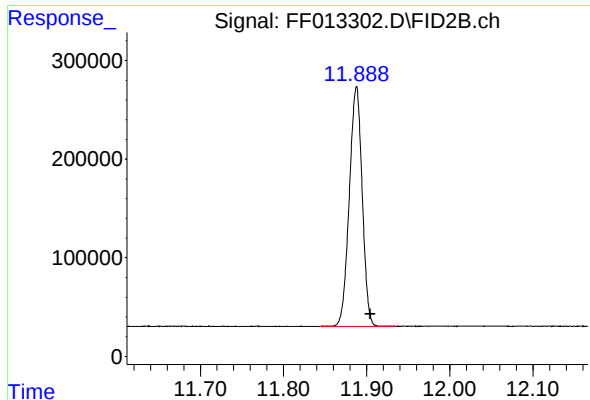
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.013 min
Response: 2057648
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

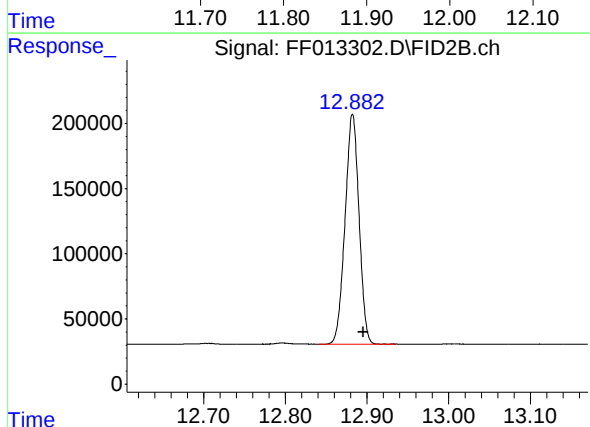
R.T.: 11.573 min
Delta R.T.: -0.015 min
Response: 2082473
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

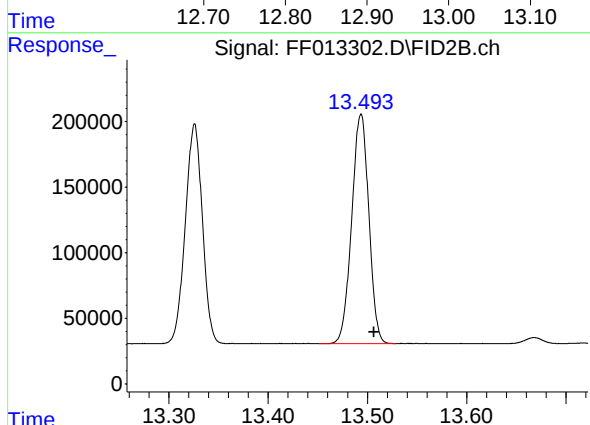
R.T.: 11.888 min
Delta R.T.: -0.016 min
Response: 2610363
Conc: 19.00 ug/ml

Instrument :
FID_F
ClientSampleId :



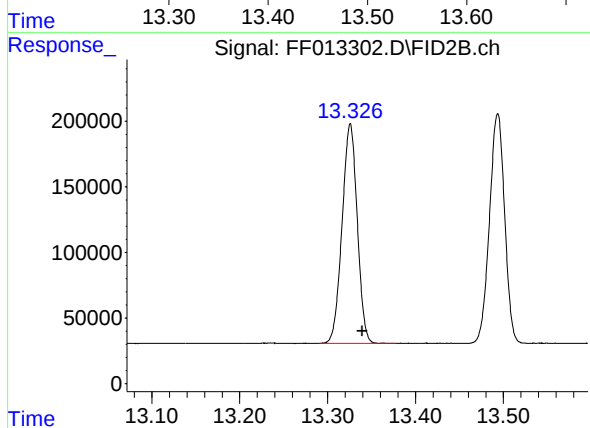
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 2100932
Conc: 19.15 ug/ml



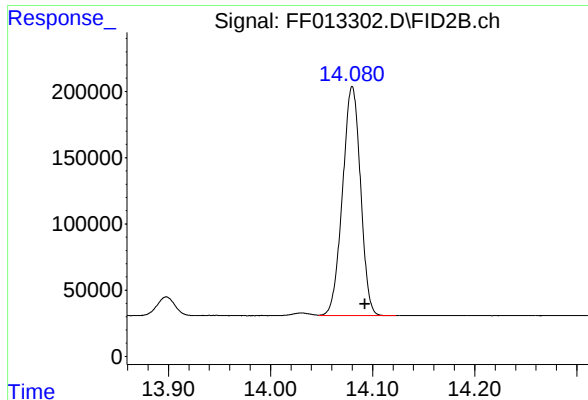
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.013 min
Response: 2097535
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

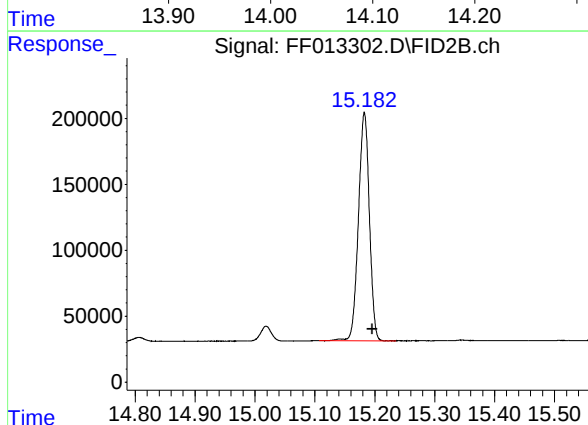
R.T.: 13.326 min
Delta R.T.: -0.013 min
Response: 2005478
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

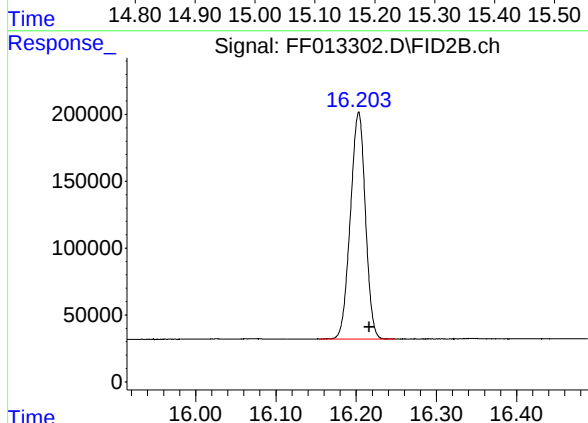
R.T.: 14.080 min
Delta R.T.: -0.012 min
Response: 2123165
Conc: 19.34 ug/ml

Instrument :
FID_F
ClientSampleId :



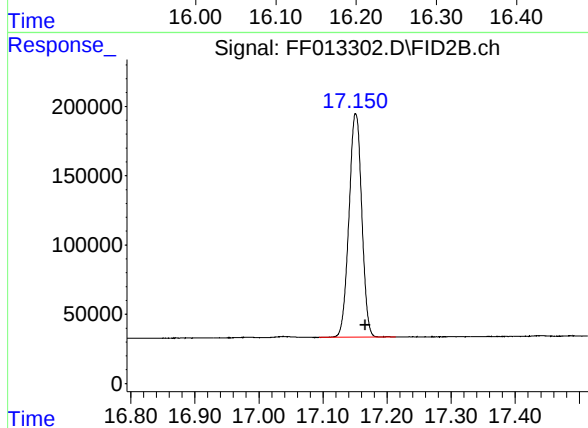
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.013 min
Response: 2194490
Conc: 19.97 ug/ml



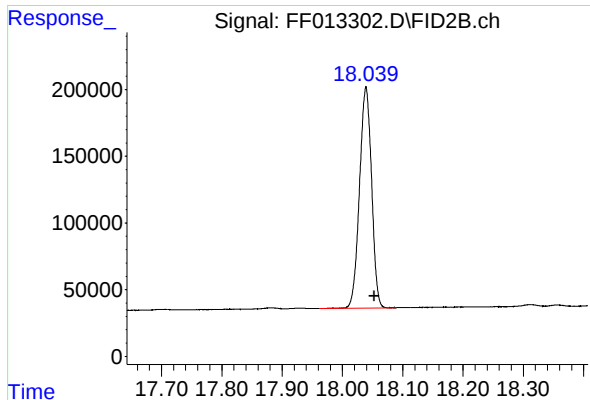
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.013 min
Response: 2207600
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

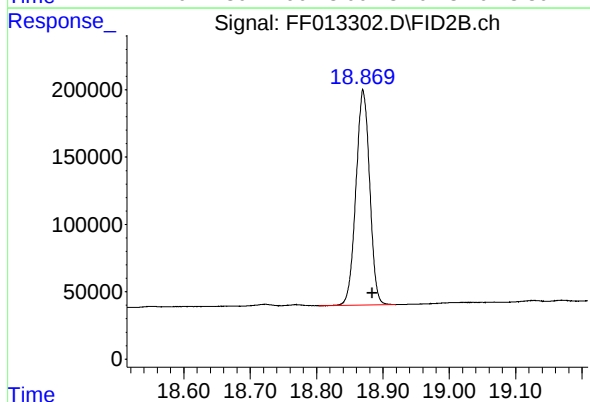
R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 2233043
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

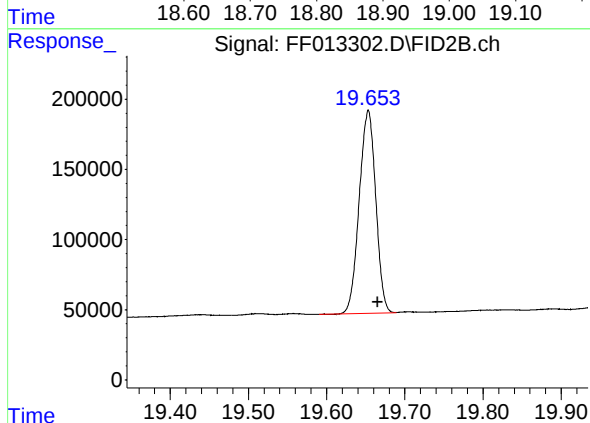
R.T.: 18.039 min
Delta R.T.: -0.014 min
Response: 2301535
Conc: 21.05 ug/ml

Instrument :
FID_F
ClientSampleId :



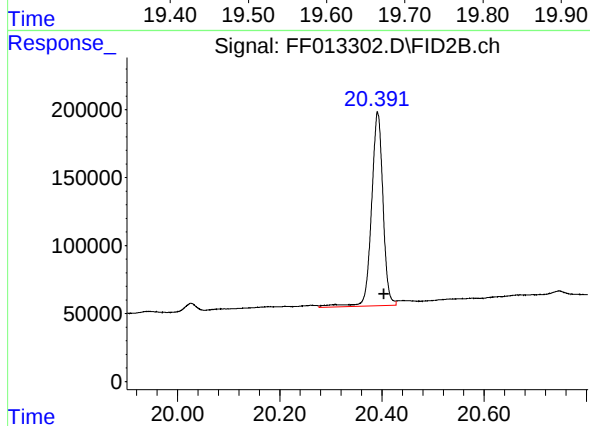
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.014 min
Response: 2297642
Conc: 20.34 ug/ml



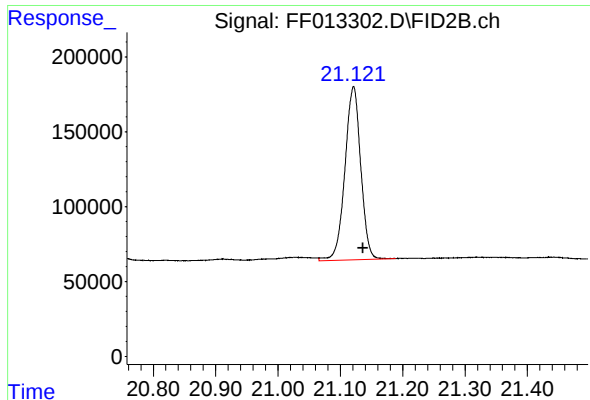
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.012 min
Response: 2125594
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

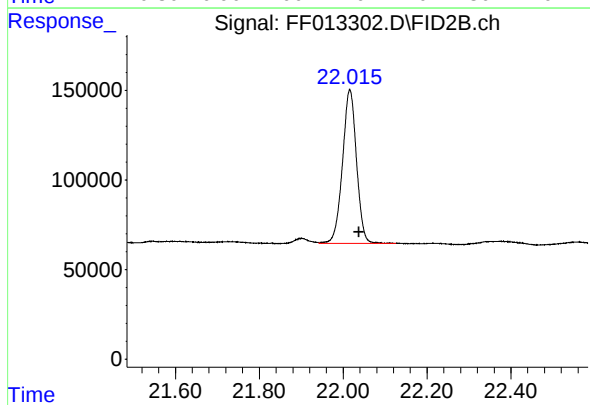
R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 2223602
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.015 min
Response: 2040831
Conc: 20.21 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.022 min
Response: 1993414
Conc: 20.06 ug/ml