

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082323AL\
 Data File : FF013307.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 12:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 24 09:52:09 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	2689538	19.575 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
12) S 1-chlorooctadecane (S...	13.326	2029173	19.364 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.281	2147640	20.099 ug/ml
2) T n-Decane (C10)	4.534	2162587	20.180 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2393454	20.217 ug/ml
4) T n-Dodecane (C12)	6.698	2180699	20.153 ug/ml
5) T A~2-methylnaphthalene...	7.326	2359235	19.904 ug/ml
6) T n-Tetradecane (C14)	8.523	2166276	20.068 ug/ml
7) T n-Hexadecane (C16)	10.130	2207928	20.368 ug/ml
8) T n-Octadecane (C18)	11.573	2235875	20.419 ug/ml
10) T n-Eicosane (C20)	12.883	2202524	20.072 ug/ml
11) T n-Heneicosane (C21)	13.495	2191518	19.947 ug/ml
13) T n-Docosane (C22)	14.081	2183514	19.888 ug/ml
14) T n-Tetracosane (C24)	15.183	2176406	19.809 ug/ml
15) T n-Hexacosane (C26)	16.203	2144556	19.622 ug/ml
16) T n-Octacosane (C28)	17.153	2099684	19.447 ug/ml
17) T n-Tricontane (C30)	18.040	2110429	19.298 ug/ml
18) T n-Dotriacontane (C32)	18.871	2095133	18.548 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2023649	19.051 ug/ml
20) T n-Hexatriacontane (C36)	20.393	1982282	18.807 ug/ml
21) T n-Octatriacontane (C38)	21.120	1992357	19.726 ug/ml
22) T n-Tetracontane (C40)	22.018	2091618	21.044 ug/ml

(f)=RT Delta > 1/2 Window

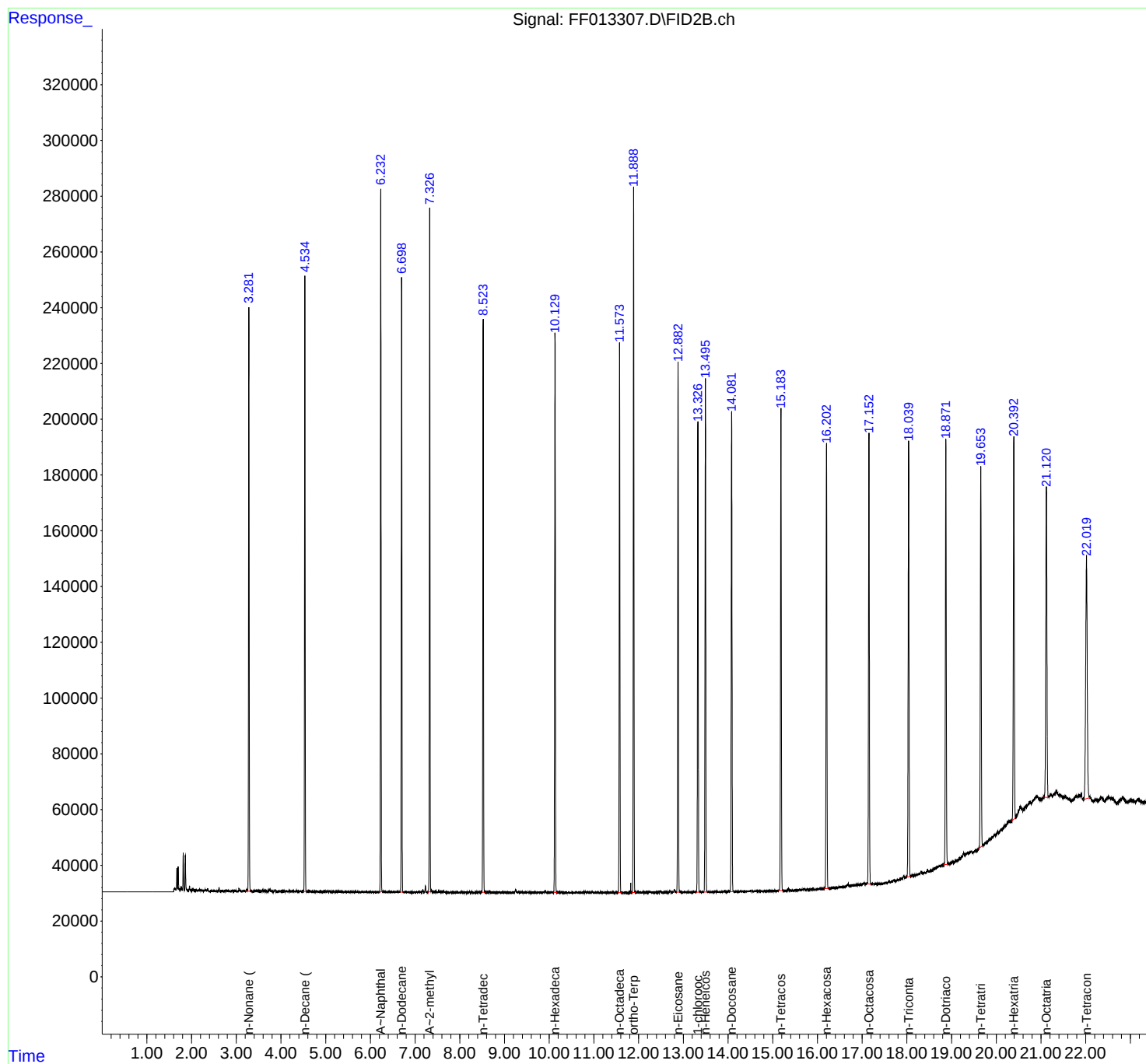
(m)=manual int.

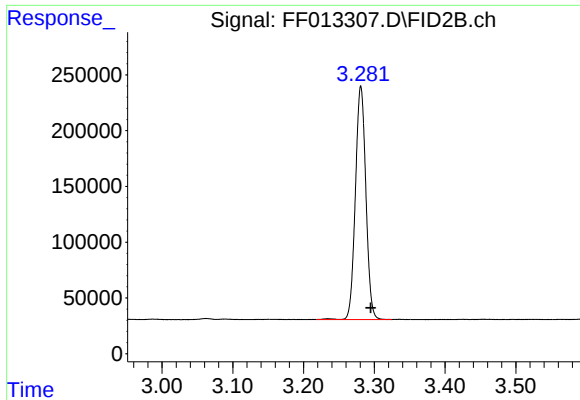
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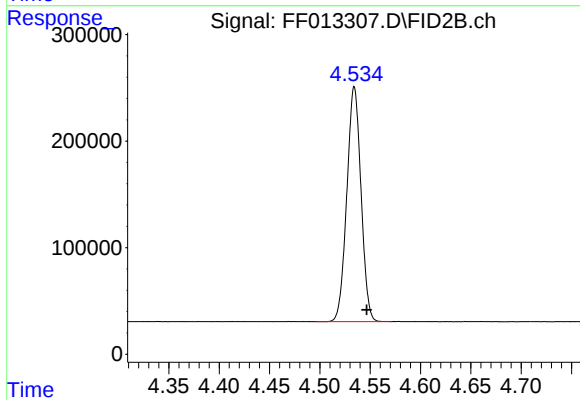




#1 n-Nonane (C9)

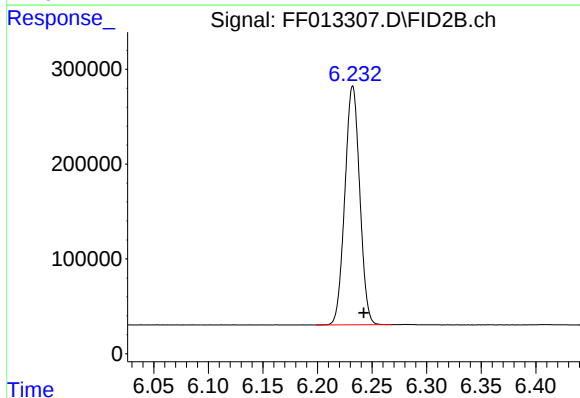
R.T.: 3.281 min
Delta R.T.: -0.014 min
Response: 2147640
Conc: 20.10 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



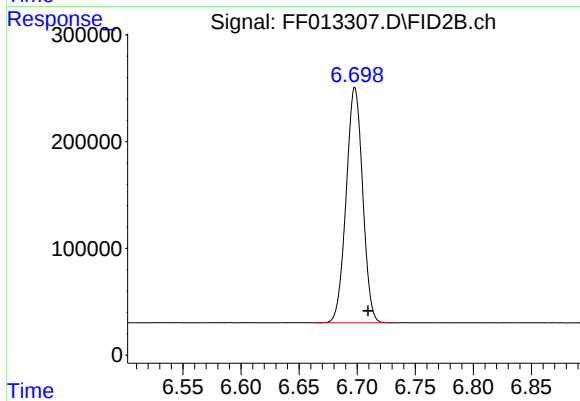
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.012 min
Response: 2162587
Conc: 20.18 ug/ml



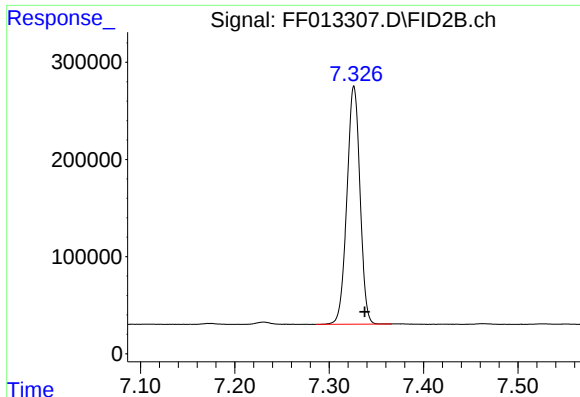
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 2393454
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

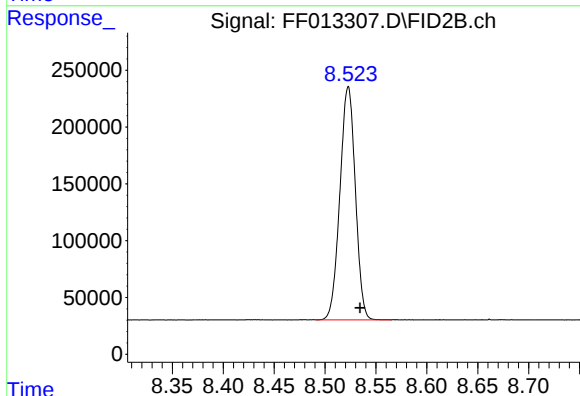
R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 2180699
Conc: 20.15 ug/ml



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

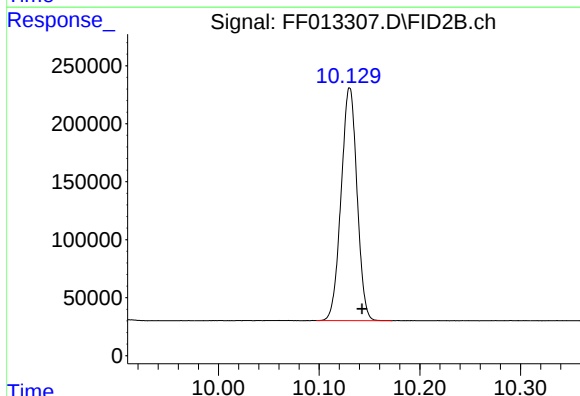
R.T.: 7.326 min
Delta R.T.: -0.011 min
Response: 2359235
Conc: 19.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



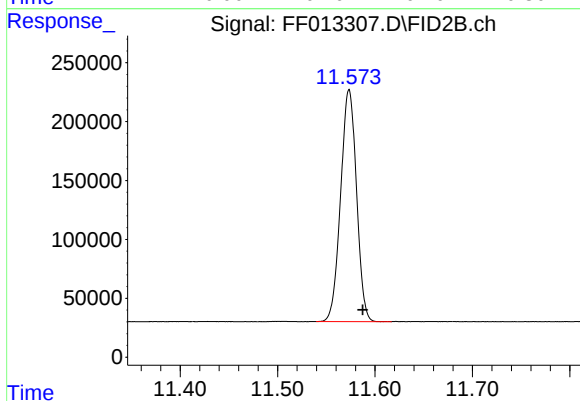
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.011 min
Response: 2166276
Conc: 20.07 ug/ml



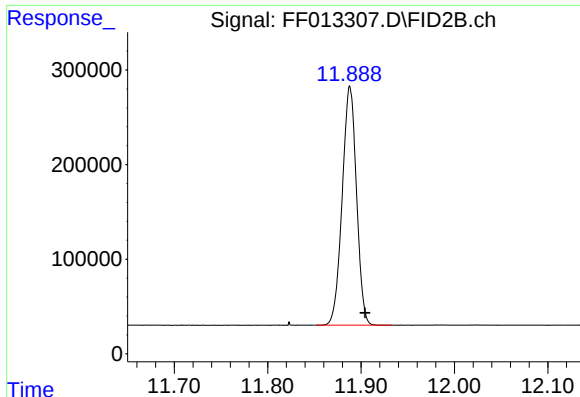
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.012 min
Response: 2207928
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

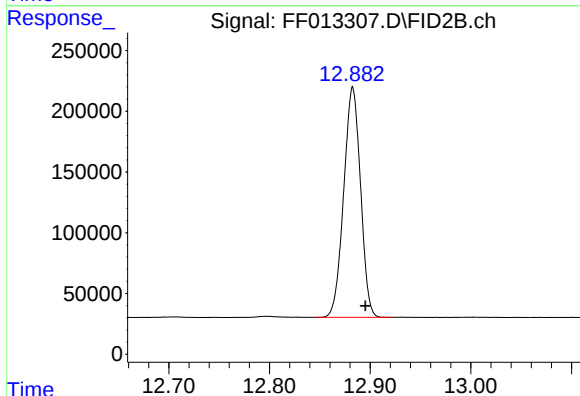
R.T.: 11.573 min
Delta R.T.: -0.014 min
Response: 2235875
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

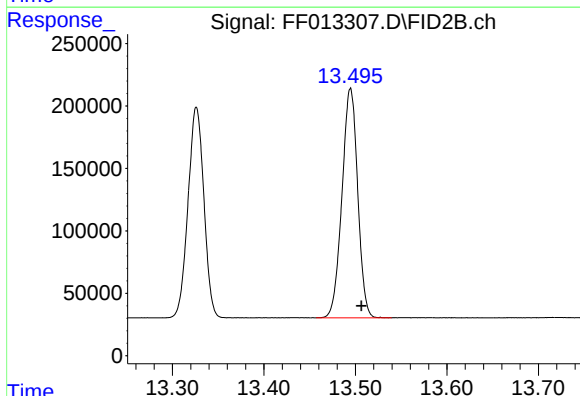
R.T.: 11.888 min
Delta R.T.: -0.016 min
Response: 2689538
Conc: 19.58 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



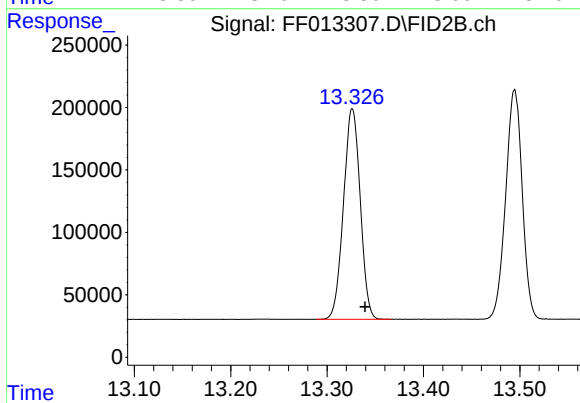
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.013 min
Response: 2202524
Conc: 20.07 ug/ml



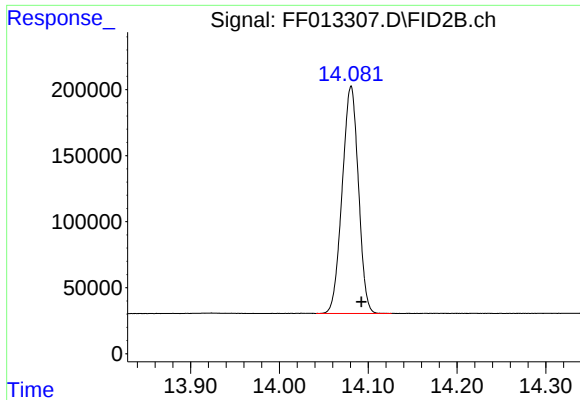
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.012 min
Response: 2191518
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

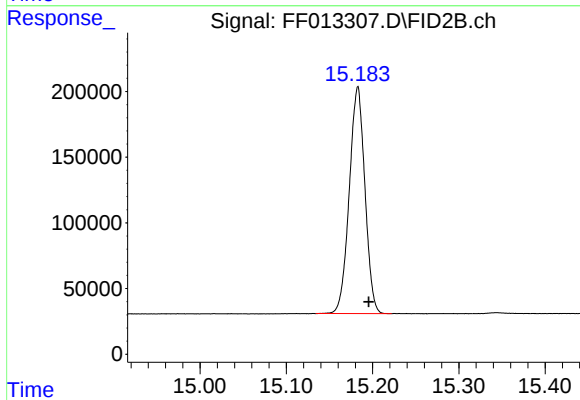
R.T.: 13.326 min
Delta R.T.: -0.013 min
Response: 2029173
Conc: 19.36 ug/ml



#13 n-Docosane (C22)

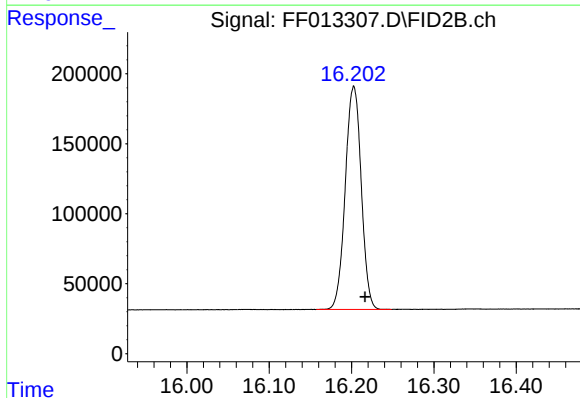
R.T.: 14.081 min
Delta R.T.: -0.012 min
Response: 2183514
Conc: 19.89 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



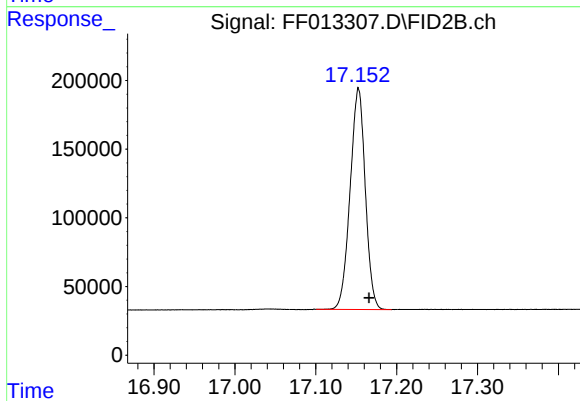
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.013 min
Response: 2176406
Conc: 19.81 ug/ml



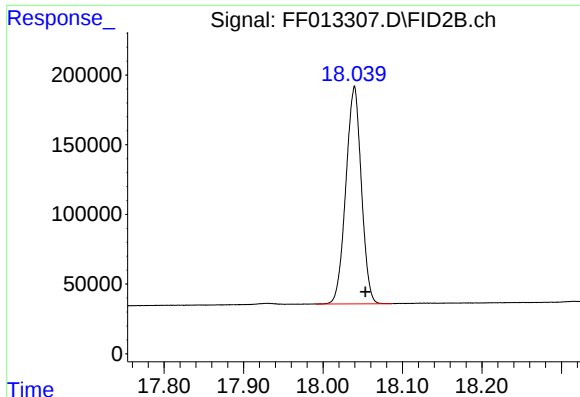
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.014 min
Response: 2144556
Conc: 19.62 ug/ml



#16 n-Octacosane (C28)

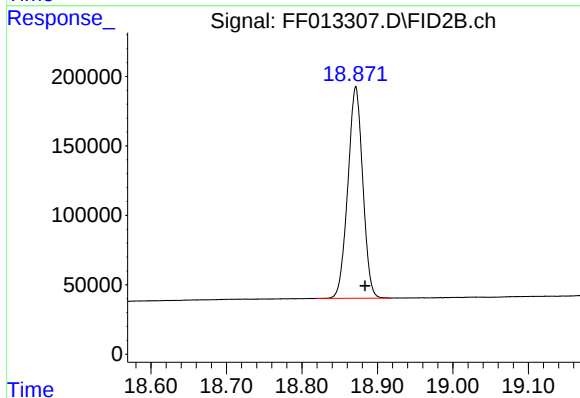
R.T.: 17.153 min
Delta R.T.: -0.013 min
Response: 2099684
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

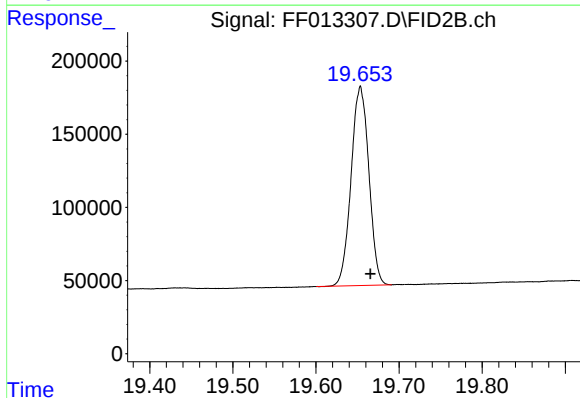
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 2110429
Conc: 19.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



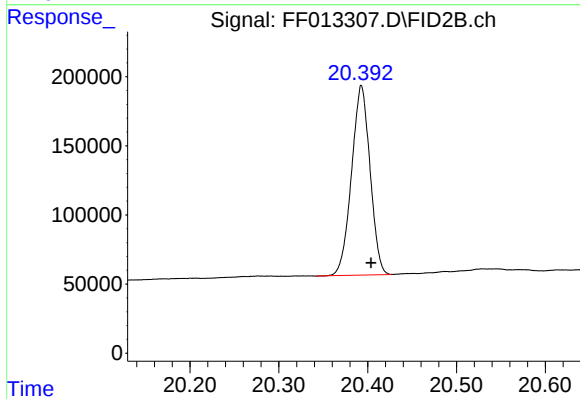
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.012 min
Response: 2095133
Conc: 18.55 ug/ml



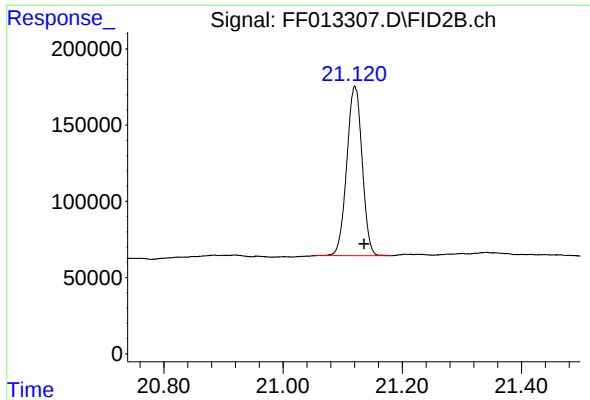
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.012 min
Response: 2023649
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

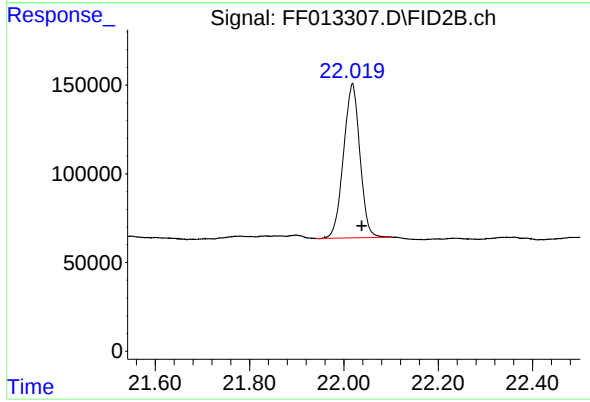
R.T.: 20.393 min
Delta R.T.: -0.011 min
Response: 1982282
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.016 min
Response: 1992357
Conc: 19.73 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.020 min
Response: 2091618
Conc: 21.04 ug/ml