

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082423AL\
 Data File : FF013331.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2023 08:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 25 01:40:32 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)	11.891	2635681	19.183 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.330	2027303	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.282	2022565	18.929 ug/ml
2) T n-Decane (C10)	4.535	2027314	18.918 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2251375	19.017 ug/ml
4) T n-Dodecane (C12)	6.699	2062457	19.060 ug/ml
5) T A~2-methylnaphthalene...	7.329	2261932	19.083 ug/ml
6) T n-Tetradecane (C14)	8.524	2067126	19.150 ug/ml
7) T n-Hexadecane (C16)	10.132	2090446	19.285 ug/ml
8) T n-Octadecane (C18)	11.575	2115688	19.321 ug/ml
10) T n-Eicosane (C20)	12.885	2129301	19.405 ug/ml
11) T n-Heneicosane (C21)	13.497	2123549	19.328 ug/ml
13) T n-Docosane (C22)	14.083	2144527	19.533 ug/ml
14) T n-Tetracosane (C24)	15.186	2191264	19.945 ug/ml
15) T n-Hexacosane (C26)	16.207	2173475	19.887 ug/ml
16) T n-Octacosane (C28)	17.156	2163171	20.035 ug/ml
17) T n-Tricontane (C30)	18.043	2200131	20.118 ug/ml
18) T n-Dotriacontane (C32)	18.874	2164478	19.162 ug/ml
19) T n-Tetratriacontane (C34)	19.658	1985060	18.688 ug/ml
20) T n-Hexatriacontane (C36)	20.396	1946477	18.467 ug/mlm
21) T n-Octatriacontane (C38)	21.127	1882336	18.637 ug/mlm
22) T n-Tetracontane (C40)	22.026	2023945	20.364 ug/ml

(f)=RT Delta > 1/2 Window

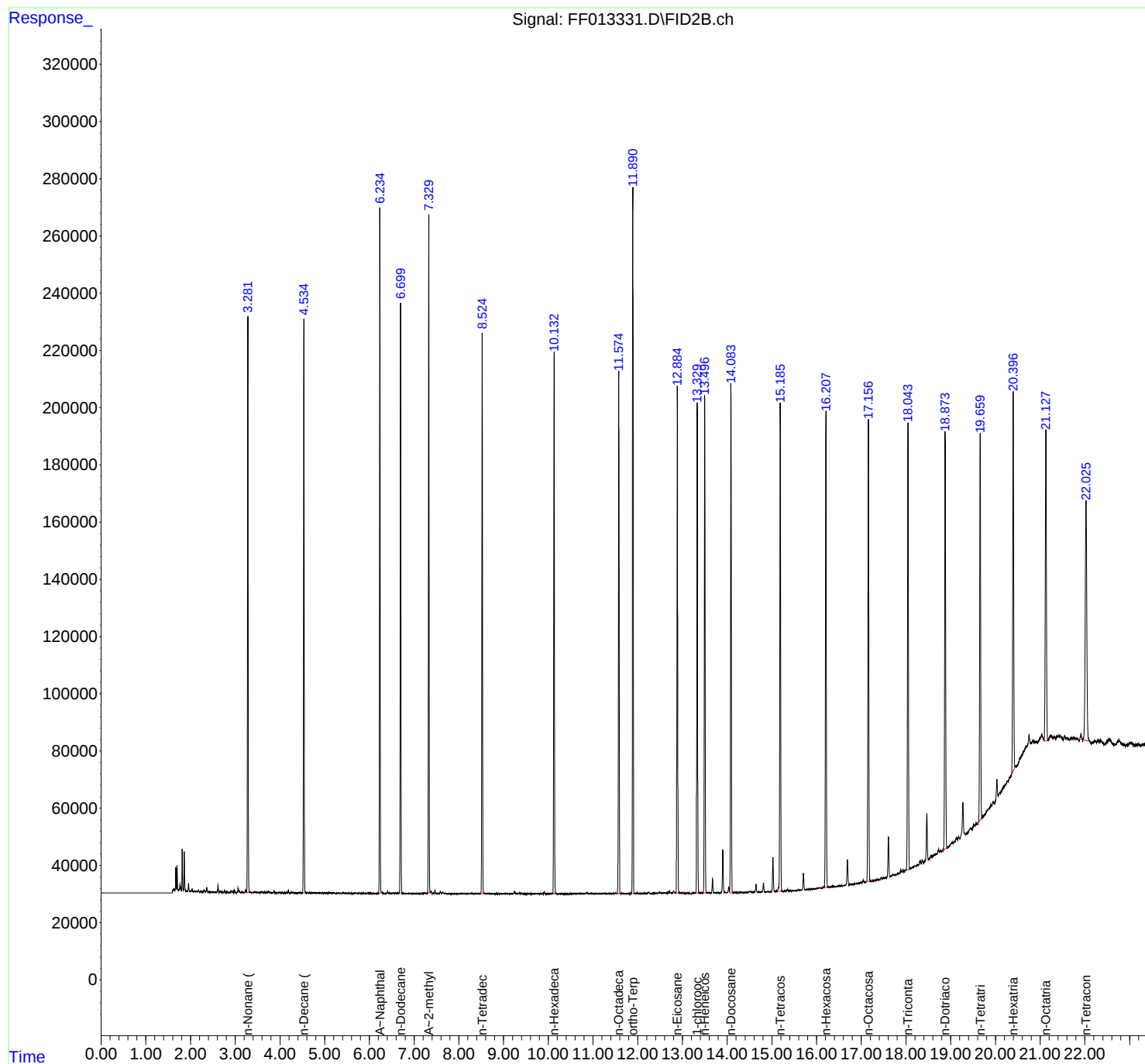
(m)=manual int.

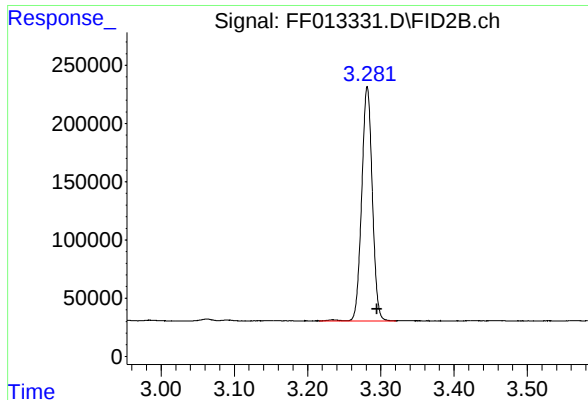
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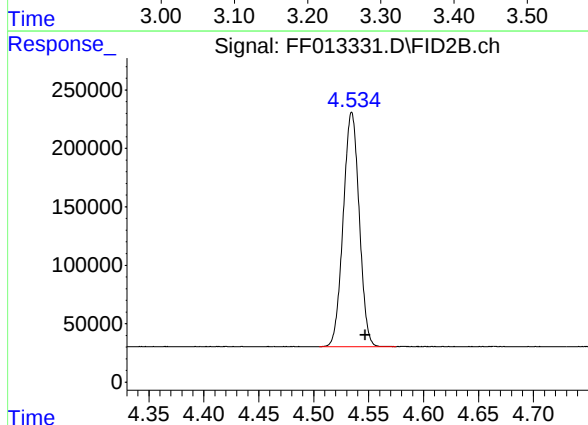




#1 n-Nonane (C9)

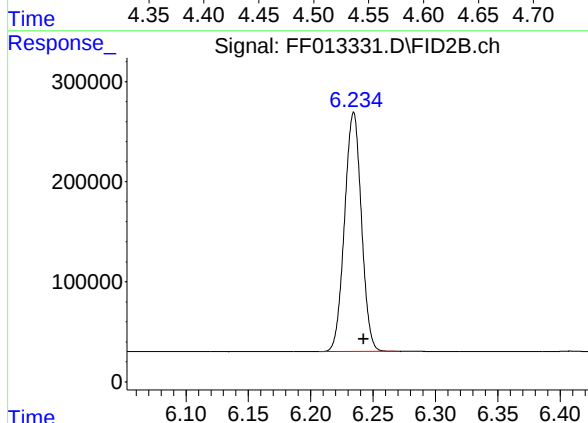
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2022565
Conc: 18.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



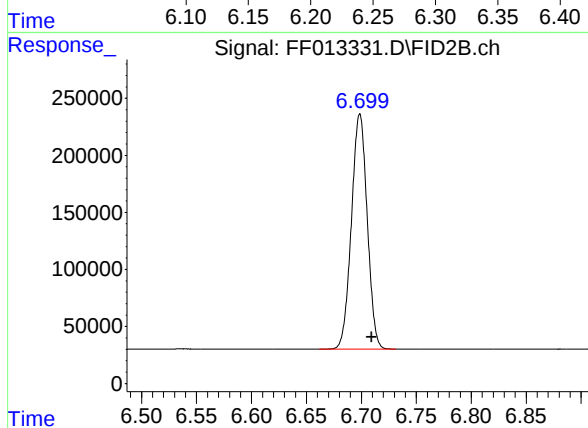
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2027314
Conc: 18.92 ug/ml



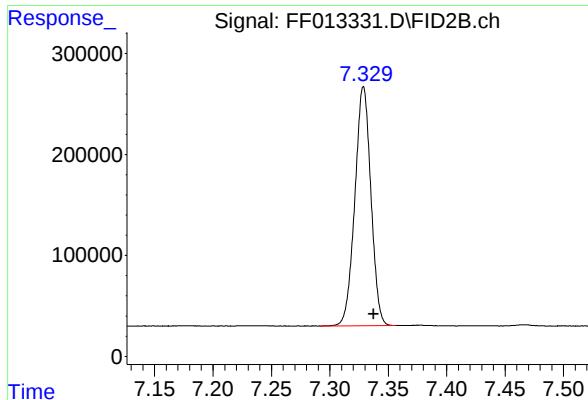
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 2251375
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

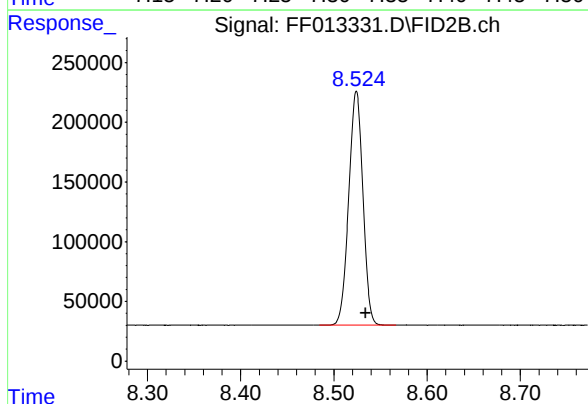
R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2062457
Conc: 19.06 ug/ml



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

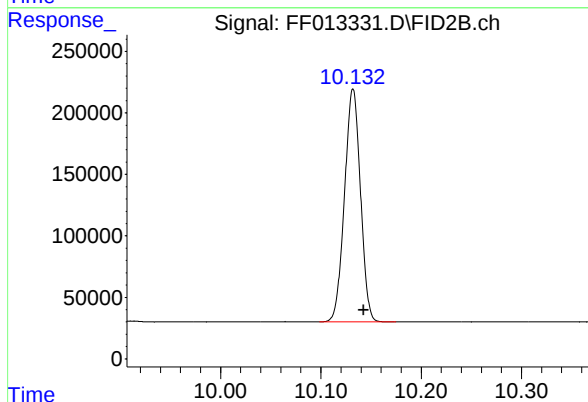
R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2261932
Conc: 19.08 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



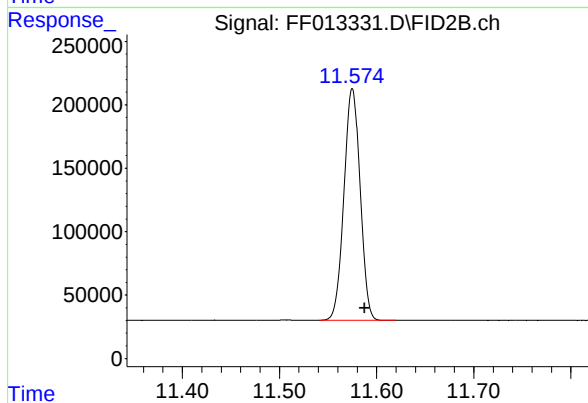
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.010 min
Response: 2067126
Conc: 19.15 ug/ml



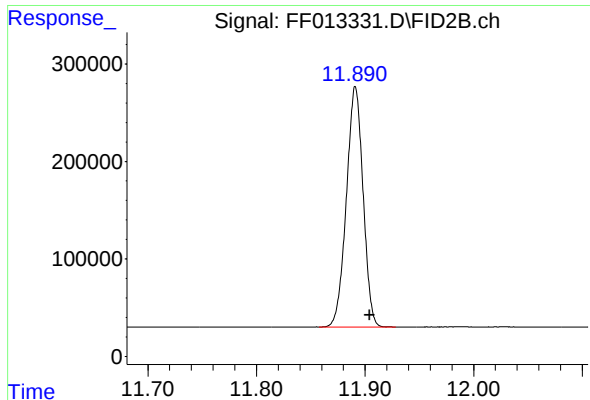
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 2090446
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

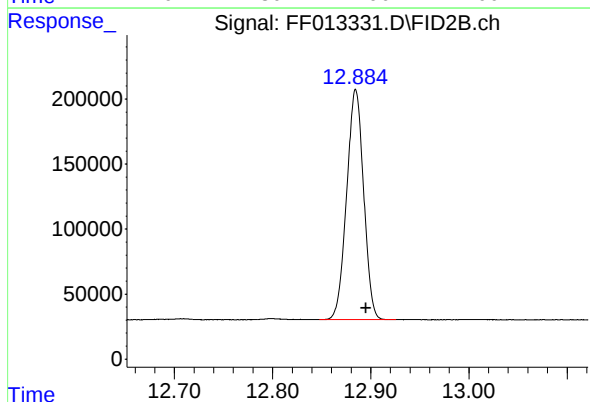
R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 2115688
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

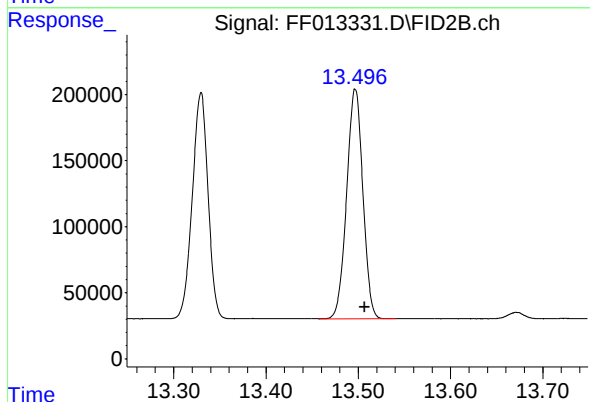
R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 2635681
Conc: 19.18 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



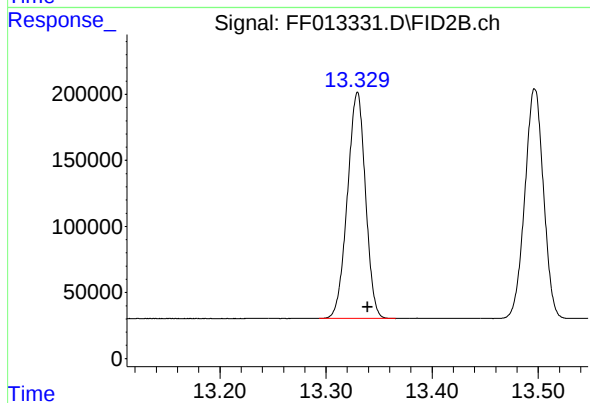
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.011 min
Response: 2129301
Conc: 19.40 ug/ml



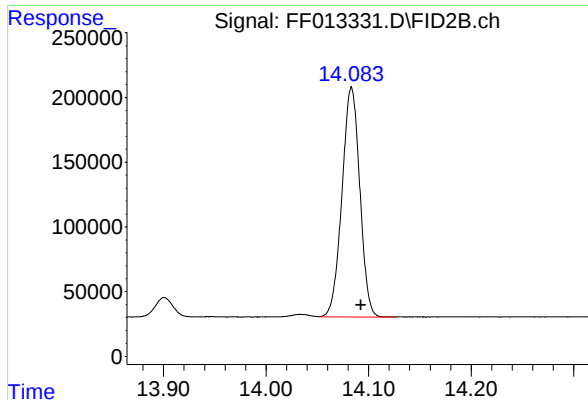
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 2123549
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

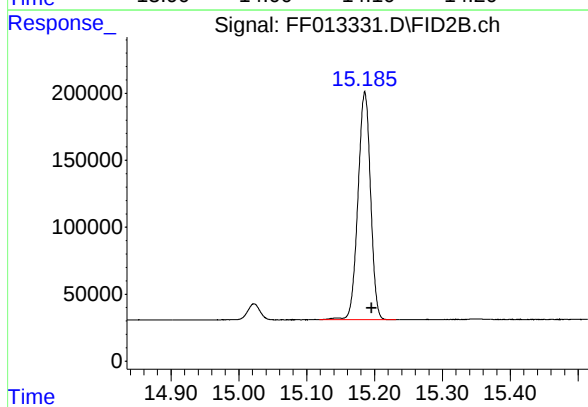
R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 2027303
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

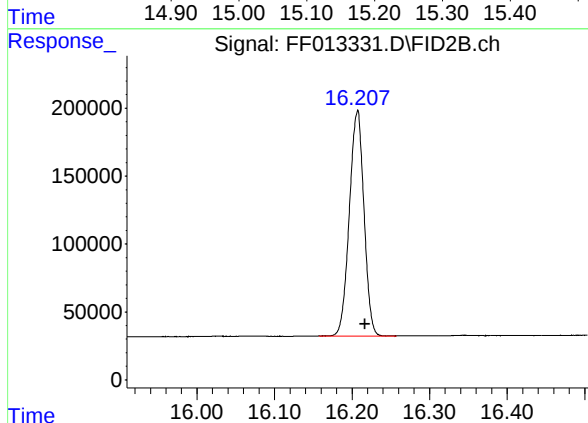
R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 2144527
Conc: 19.53 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



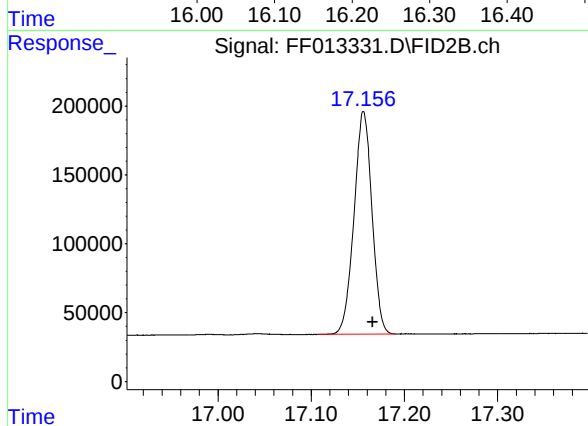
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 2191264
Conc: 19.94 ug/ml



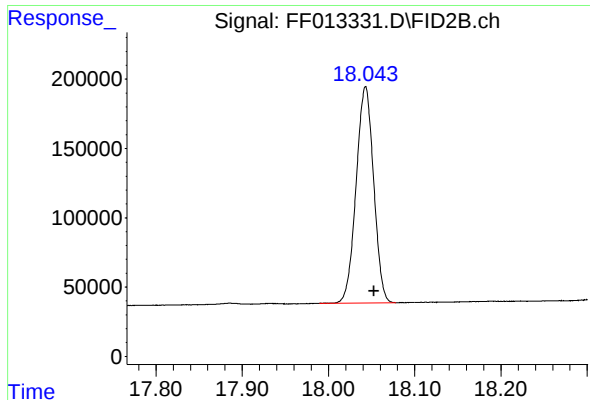
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2173475
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

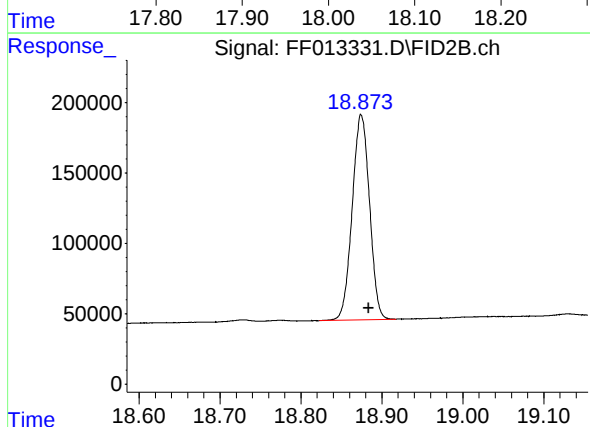
R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 2163171
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

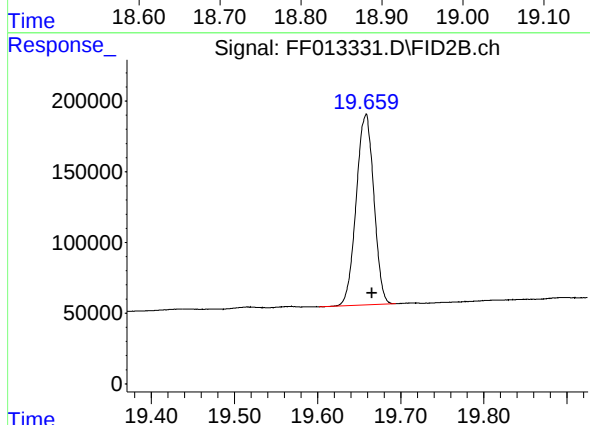
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 2200131
Conc: 20.12 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



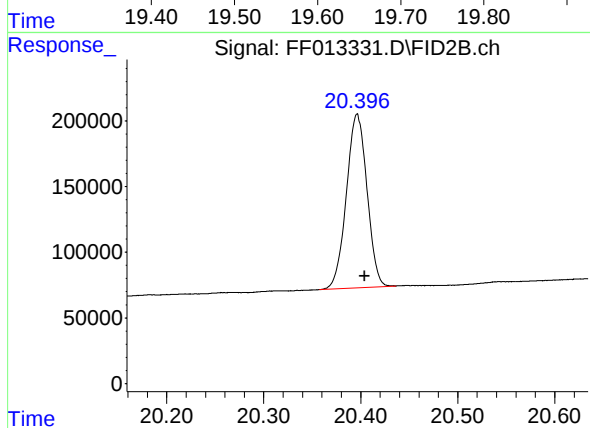
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 2164478
Conc: 19.16 ug/ml



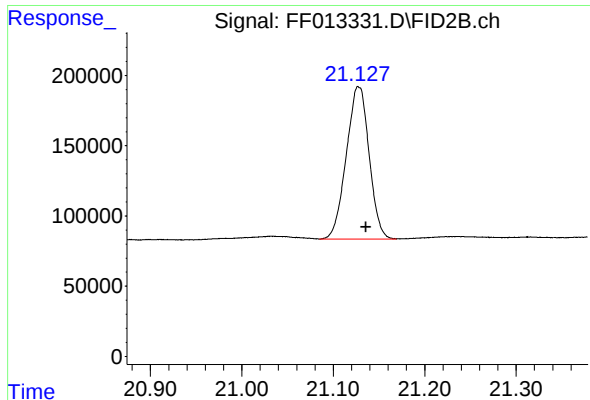
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.007 min
Response: 1985060
Conc: 18.69 ug/ml



#20 n-Hexatriacontane (C36)

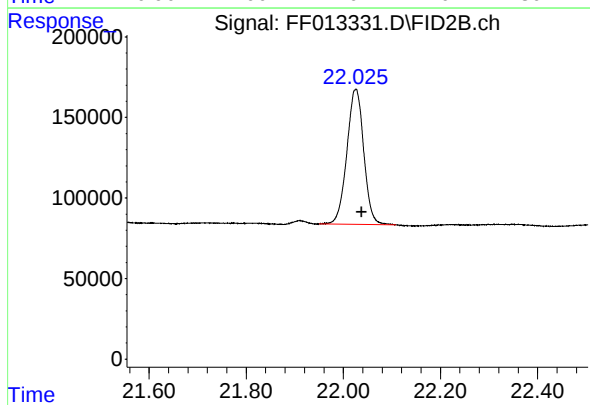
R.T.: 20.396 min
Delta R.T.: -0.008 min
Response: 1946477
Conc: 18.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.009 min
Response: 1882336
Conc: 18.64 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.012 min
Response: 2023945
Conc: 20.36 ug/ml