

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013171.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 11:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 10 16:01:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 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)	11.904	15456184	118.213 ug/ml
Spiked Amount 50.000		Recovery =	236.43%
12) S 1-chlorooctadecane (S...	13.339	11838067	118.821 ug/ml
Spiked Amount 50.000		Recovery =	237.64%
Target Compounds			
1) T n-Nonane (C9)	3.295	12023305	117.835 ug/ml
2) T n-Decane (C10)	4.547	12085042	118.162 ug/ml
3) T A~Naphthalene (C11.7)	6.242	13324061	117.809 ug/ml
4) T n-Dodecane (C12)	6.709	12187981	118.021 ug/ml
5) T A~2-methylnaphthalene...	7.338	13376851	118.229 ug/ml
6) T n-Tetradecane (C14)	8.534	12127697	117.944 ug/ml
7) T n-Hexadecane (C16)	10.143	12208317	118.187 ug/ml
8) T n-Octadecane (C18)	11.588	12315655	117.902 ug/ml
10) T n-Eicosane (C20)	12.895	12354295	118.367 ug/ml
11) T n-Heneicosane (C21)	13.507	12369257	118.451 ug/ml
13) T n-Docosane (C22)	14.093	12360100	118.420 ug/ml
14) T n-Tetracosane (C24)	15.196	12364022	118.470 ug/ml
15) T n-Hexacosane (C26)	16.216	12290496	118.455 ug/ml
16) T n-Octacosane (C28)	17.166	12108844	118.380 ug/ml
17) T n-Tricontane (C30)	18.053	12141213	118.200 ug/ml
18) T n-Dotriacontane (C32)	18.884	12107963	115.465 ug/ml
19) T n-Tetratriacontane (C34)	19.665	11741381	117.985 ug/ml
20) T n-Hexatriacontane (C36)	20.404	11801839	118.311 ug/ml
21) T n-Octatriacontane (C38)	21.136	11419921	118.546 ug/ml
22) T n-Tetracontane (C40)	22.038	11266253	118.376 ug/ml

(f)=RT Delta > 1/2 Window

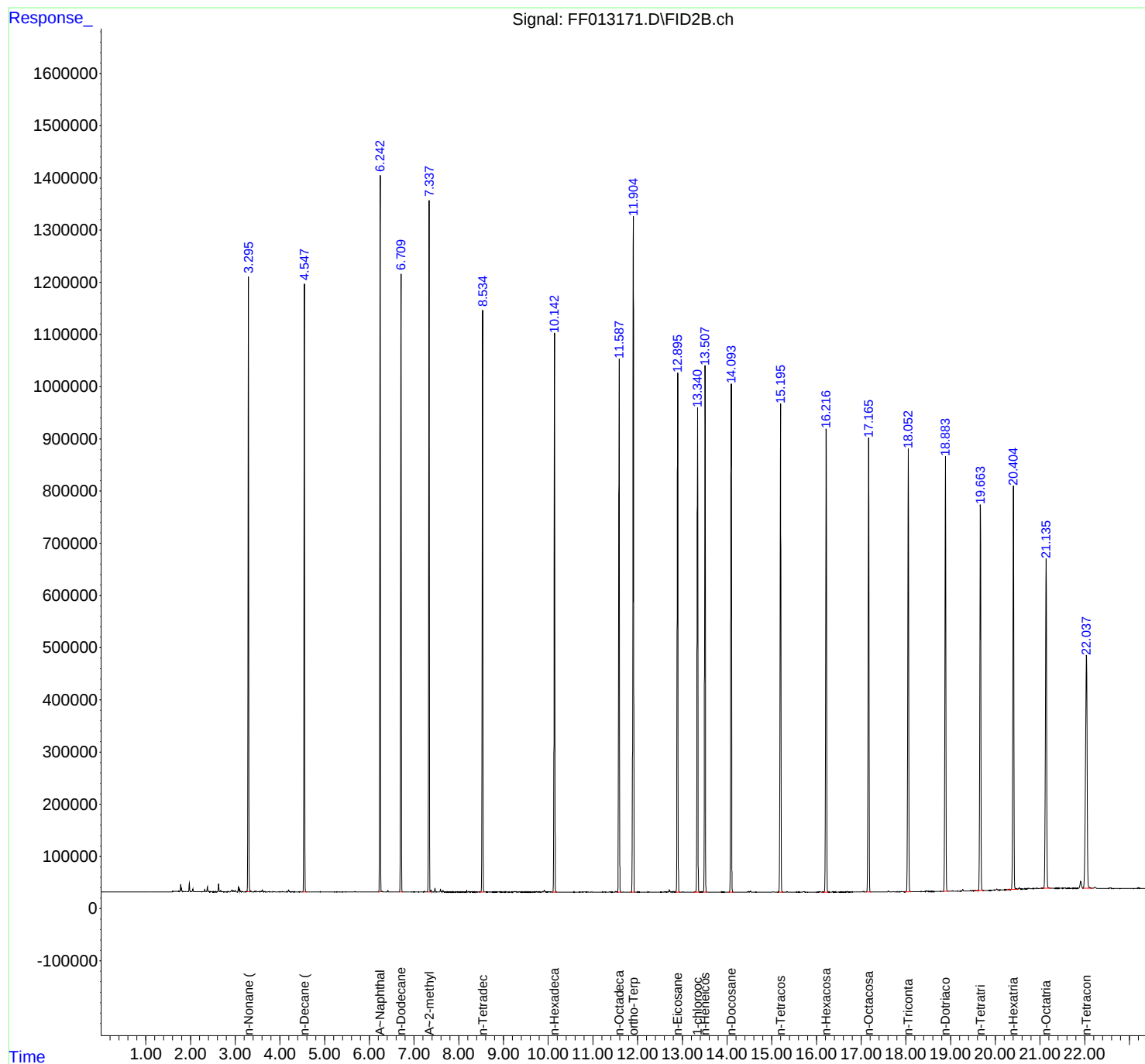
(m)=manual int.

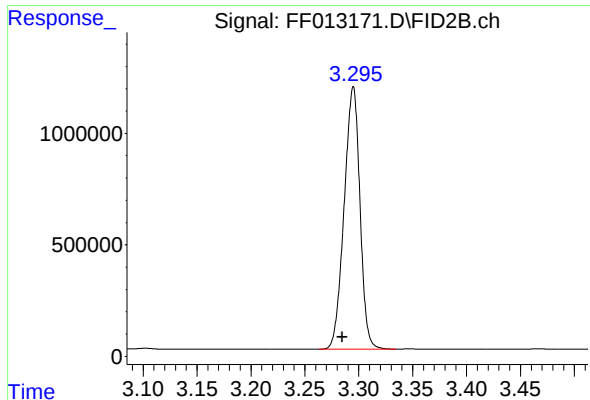
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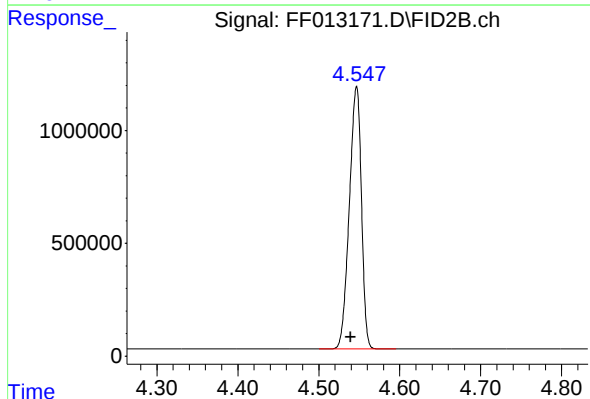




#1 n-Nonane (C9)

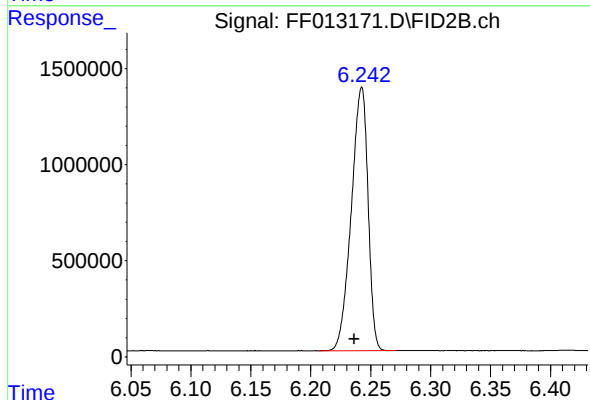
R.T.: 3.295 min
Delta R.T.: 0.010 min
Response: 12023305
Conc: 117.83 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



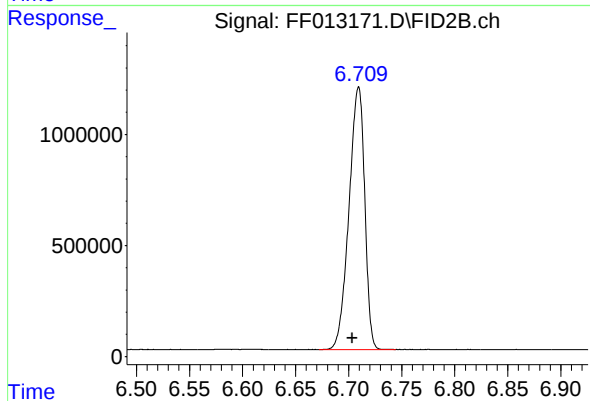
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: 0.007 min
Response: 12085042
Conc: 118.16 ug/ml



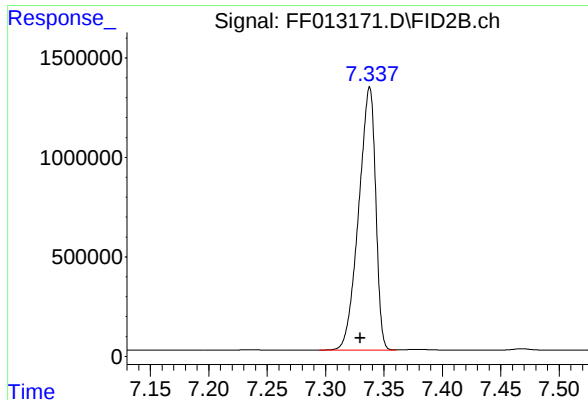
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.006 min
Response: 13324061
Conc: 117.81 ug/ml



#4 n-Dodecane (C12)

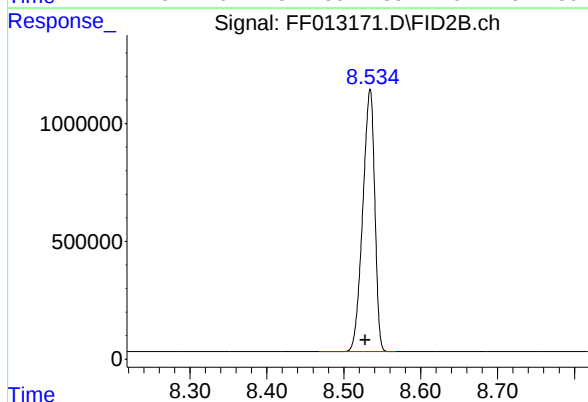
R.T.: 6.709 min
Delta R.T.: 0.006 min
Response: 12187981
Conc: 118.02 ug/ml



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

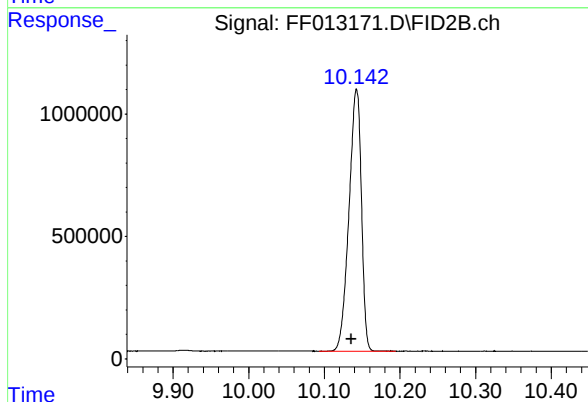
R.T.: 7.338 min
Delta R.T.: 0.008 min
Response: 13376851
Conc: 118.23 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



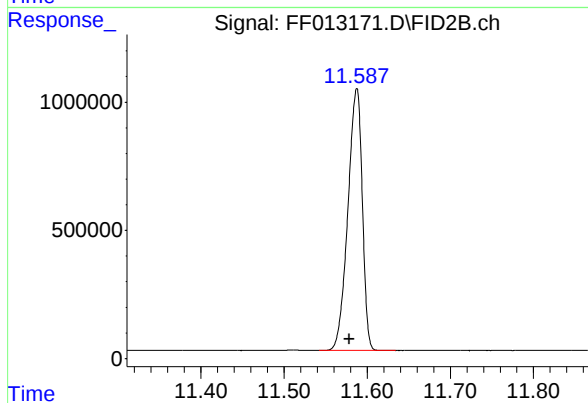
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.007 min
Response: 12127697
Conc: 117.94 ug/ml



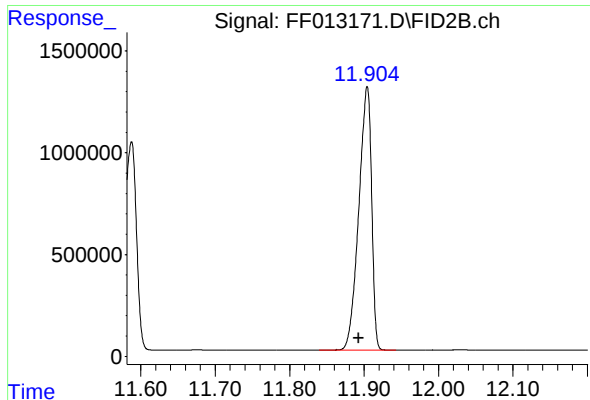
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: 0.007 min
Response: 12208317
Conc: 118.19 ug/ml



#8 n-Octadecane (C18)

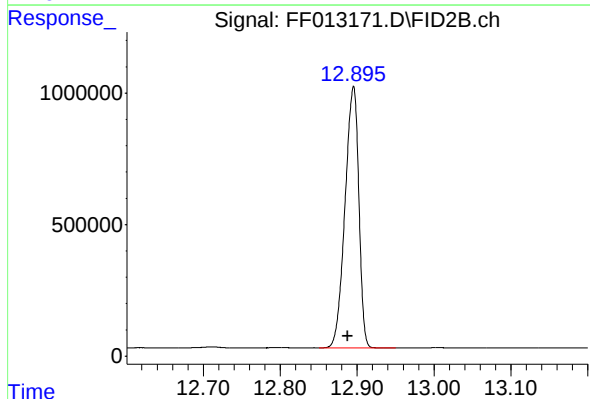
R.T.: 11.588 min
Delta R.T.: 0.009 min
Response: 12315655
Conc: 117.90 ug/ml



#9 ortho-Terphenyl (SURR)

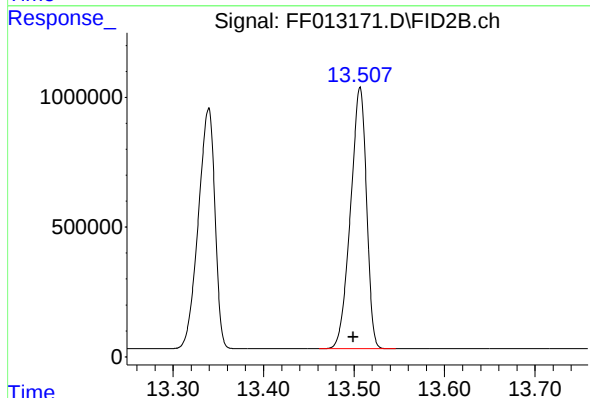
R.T.: 11.904 min
Delta R.T.: 0.011 min
Response: 15456184
Conc: 118.21 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



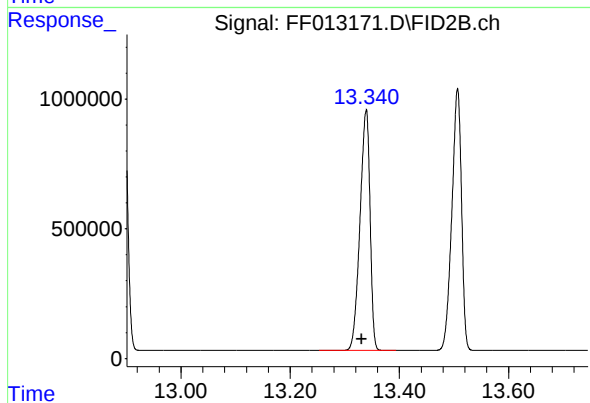
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.008 min
Response: 12354295
Conc: 118.37 ug/ml



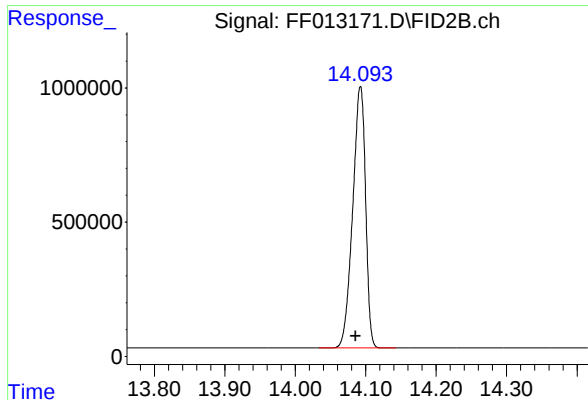
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.007 min
Response: 12369257
Conc: 118.45 ug/ml



#12 1-chlorooctadecane (SURR)

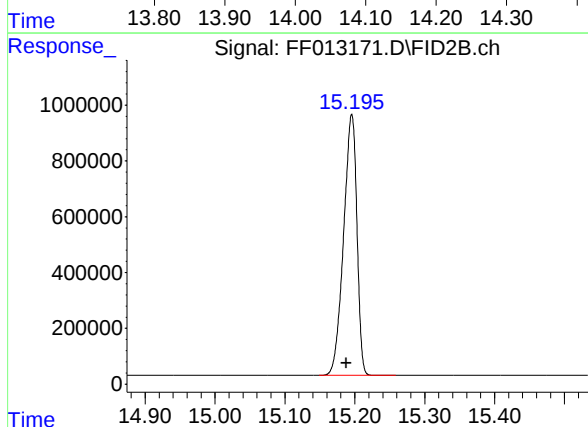
R.T.: 13.339 min
Delta R.T.: 0.008 min
Response: 11838067
Conc: 118.82 ug/ml



#13 n-Docosane (C22)

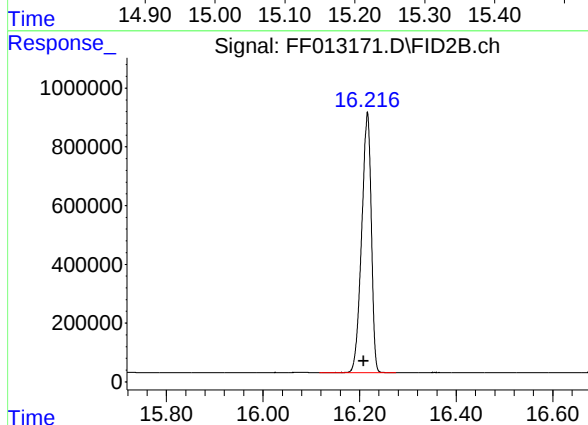
R.T.: 14.093 min
Delta R.T.: 0.007 min
Response: 12360100
Conc: 118.42 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



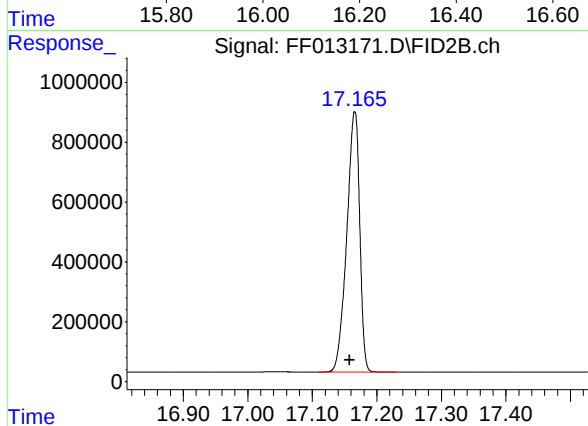
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: 0.008 min
Response: 12364022
Conc: 118.47 ug/ml



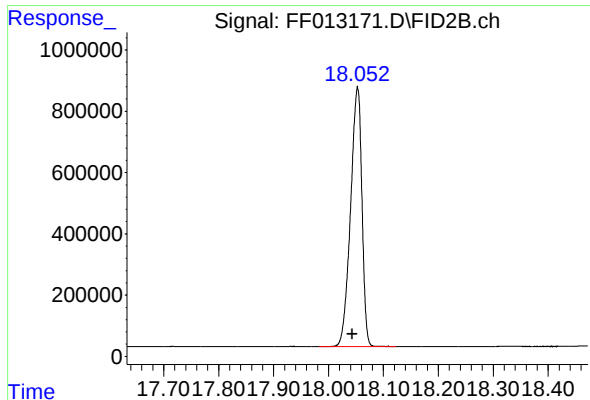
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.008 min
Response: 12290496
Conc: 118.46 ug/ml



#16 n-Octacosane (C28)

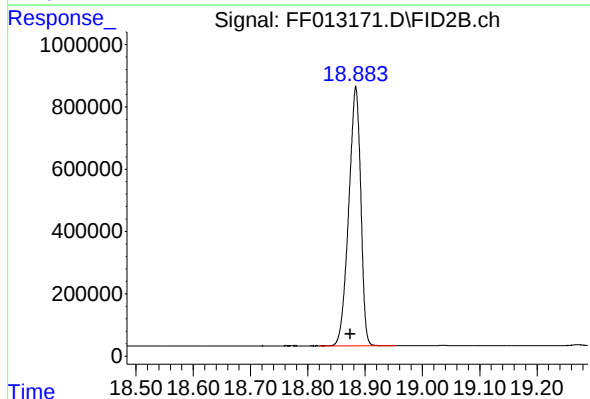
R.T.: 17.166 min
Delta R.T.: 0.008 min
Response: 12108844
Conc: 118.38 ug/ml



#17 n-Tricontane (C30)

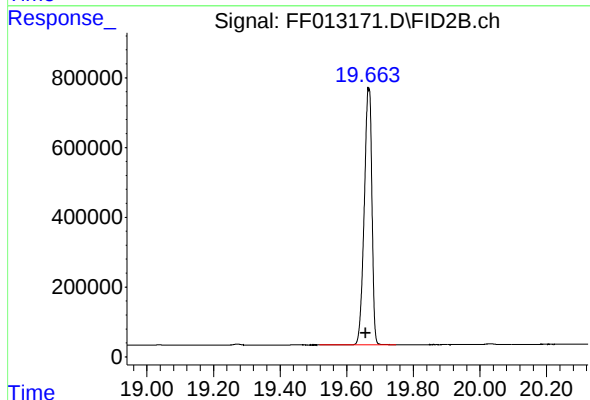
R.T.: 18.053 min
Delta R.T.: 0.010 min
Response: 12141213
Conc: 118.20 ug/ml

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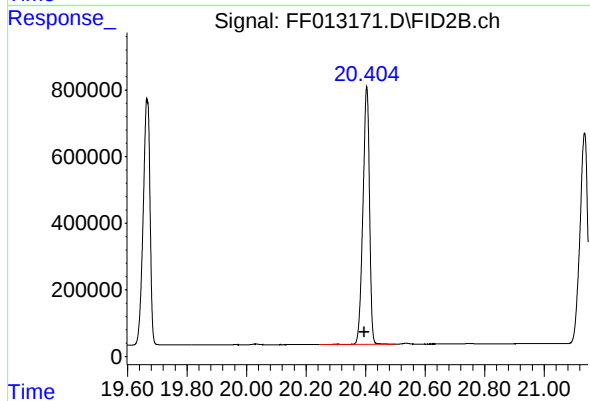
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.009 min
Response: 12107963
Conc: 115.46 ug/ml



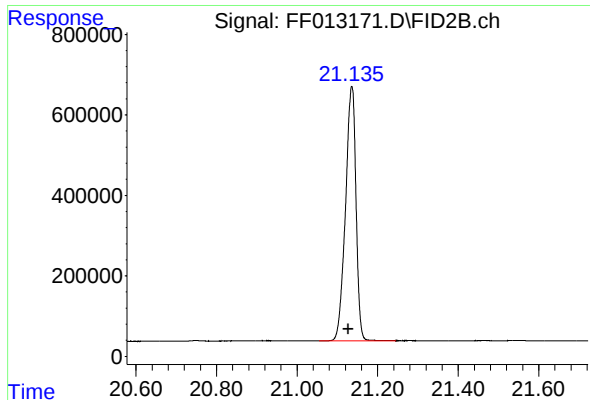
#19 n-Tetatriacontane (C34)

R.T.: 19.665 min
Delta R.T.: 0.008 min
Response: 11741381
Conc: 117.98 ug/ml



#20 n-Hexatriacontane (C36)

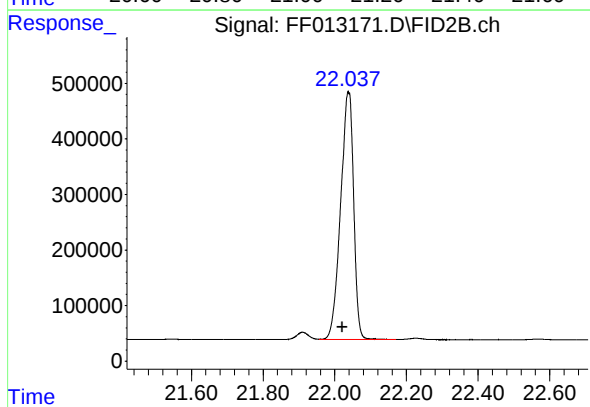
R.T.: 20.404 min
Delta R.T.: 0.009 min
Response: 11801839
Conc: 118.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: 0.009 min
Response: 11419921
Conc: 118.55 ug/ml

Instrument :
FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.017 min
Response: 11266253
Conc: 118.38 ug/ml