

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092123AL\
 Data File : FE044396.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2023 15:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 21 16:55:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.923	3729841	19.688 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.362	2761883	19.992 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.305	3165427	19.404 ug/ml
2) T n-Decane (C10)	4.557	3205938	19.288 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3496527	19.526 ug/ml
4) T n-Dodecane (C12)	6.722	3240797	19.270 ug/ml
5) T A~2-methylnaphthalene...	7.356	3397115	19.816 ug/ml
6) T n-Tetradecane (C14)	8.551	3198420	19.072 ug/ml
7) T n-Hexadecane (C16)	10.161	3239787	18.745 ug/ml
8) T n-Octadecane (C18)	11.607	3239571	18.611 ug/ml
10) T n-Eicosane (C20)	12.918	3106278	18.779 ug/ml
11) T n-Heneicosane (C21)	13.530	3035415	18.766 ug/ml
13) T n-Docosane (C22)	14.117	2981687	18.663 ug/ml
14) T n-Tetracosane (C24)	15.221	2886903	18.461 ug/ml
15) T n-Hexacosane (C26)	16.244	2794442	18.536 ug/ml
16) T n-Octacosane (C28)	17.194	2727577	18.901 ug/ml
17) T n-Tricontane (C30)	18.083	2739693	18.858 ug/ml
18) T n-Dotriacontane (C32)	18.917	2746540	19.281 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2733097	19.531 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2803822	20.452 ug/ml
21) T n-Octatriacontane (C38)	21.184	2908301	20.951 ug/ml
22) T n-Tetracontane (C40)	22.107	3081719	22.289 ug/ml

(f)=RT Delta > 1/2 Window

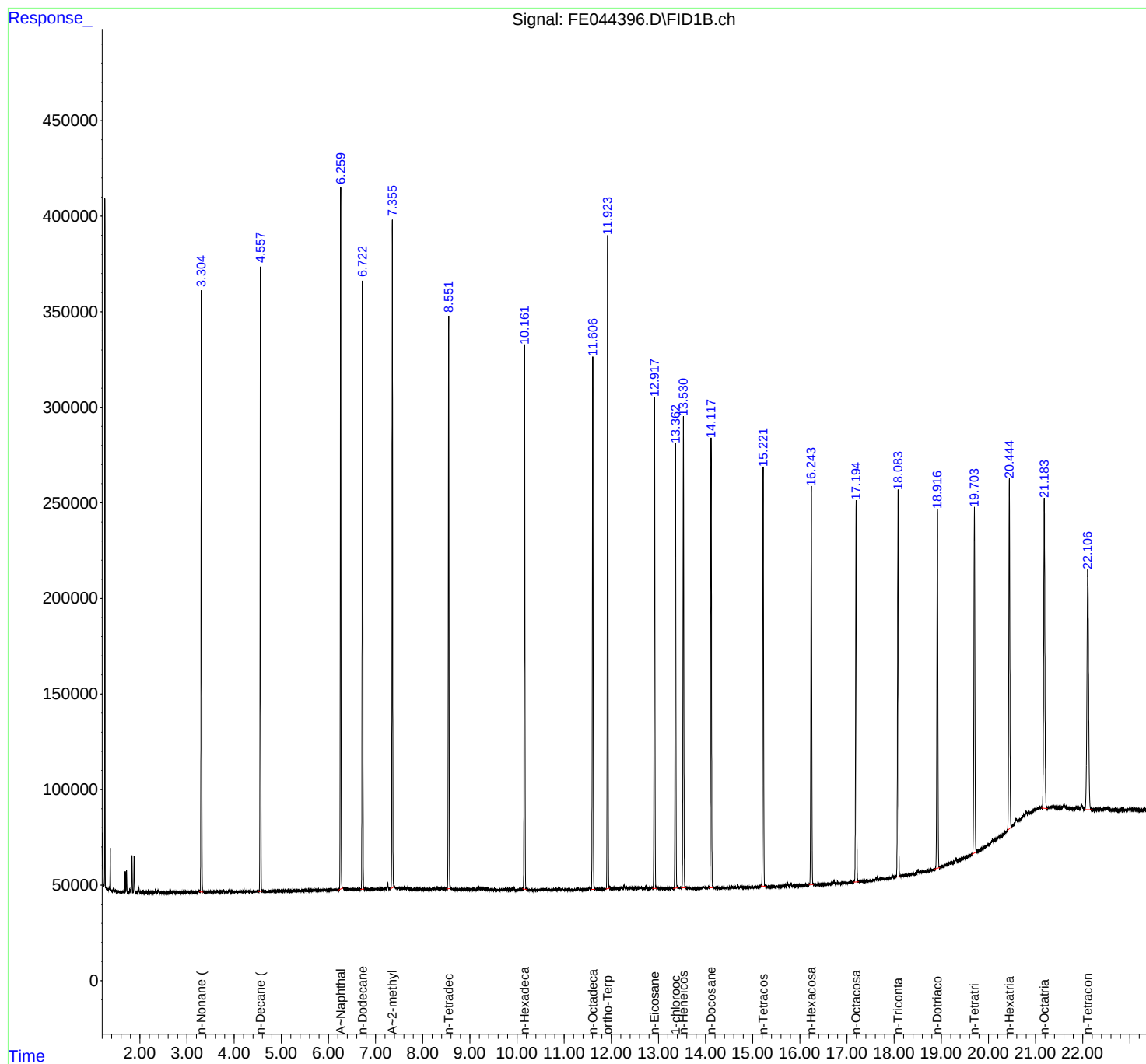
(m)=manual int.

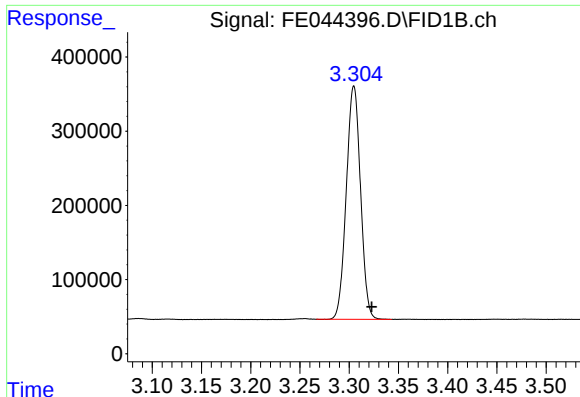
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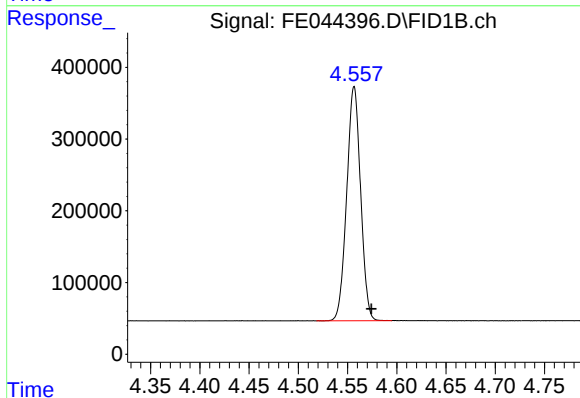




#1 n-Nonane (C9)

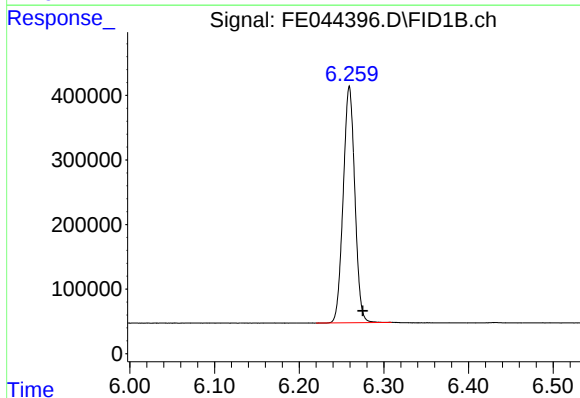
R.T.: 3.305 min
Delta R.T.: -0.018 min
Response: 3165427
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



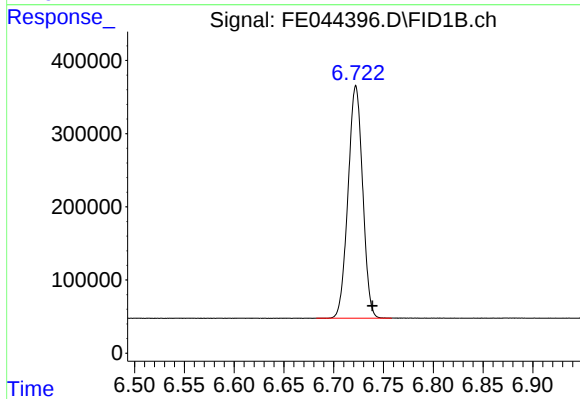
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.018 min
Response: 3205938
Conc: 19.29 ug/ml



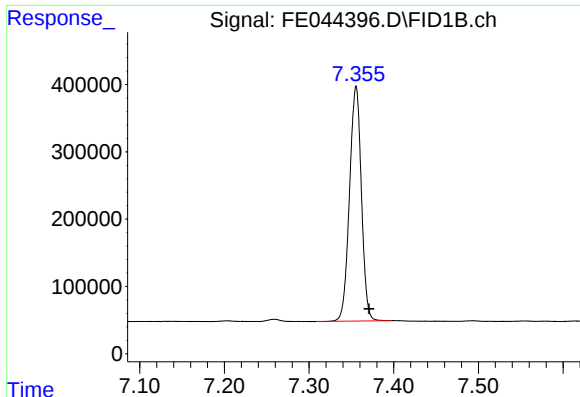
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.016 min
Response: 3496527
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

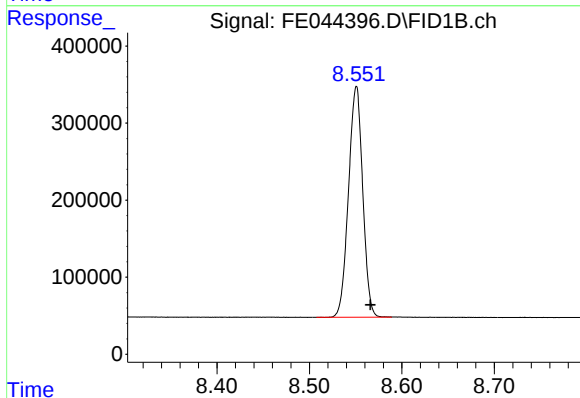
R.T.: 6.722 min
Delta R.T.: -0.017 min
Response: 3240797
Conc: 19.27 ug/ml



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

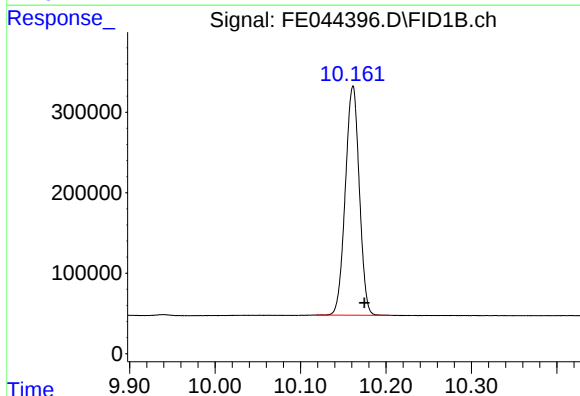
R.T.: 7.356 min
Delta R.T.: -0.016 min
Response: 3397115
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



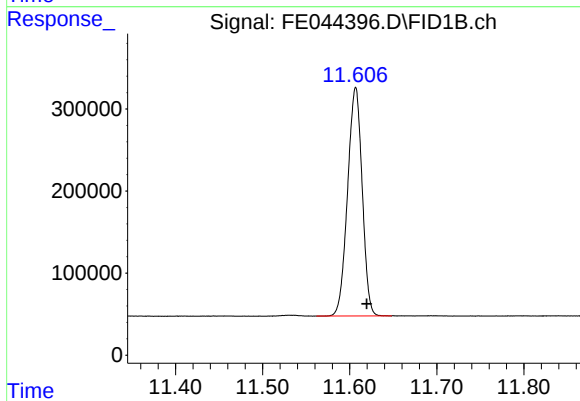
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.015 min
Response: 3198420
Conc: 19.07 ug/ml



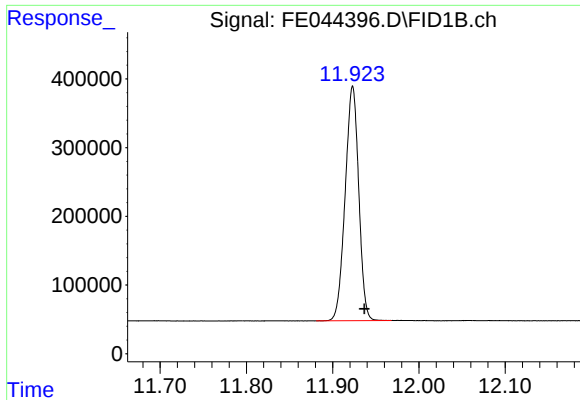
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.013 min
Response: 3239787
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

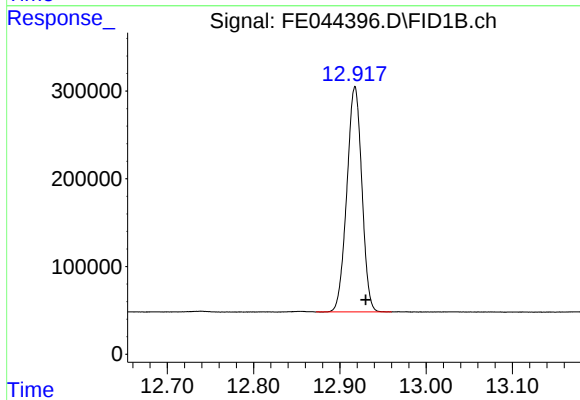
R.T.: 11.607 min
Delta R.T.: -0.013 min
Response: 3239571
Conc: 18.61 ug/ml



#9 ortho-Terphenyl (SURR)

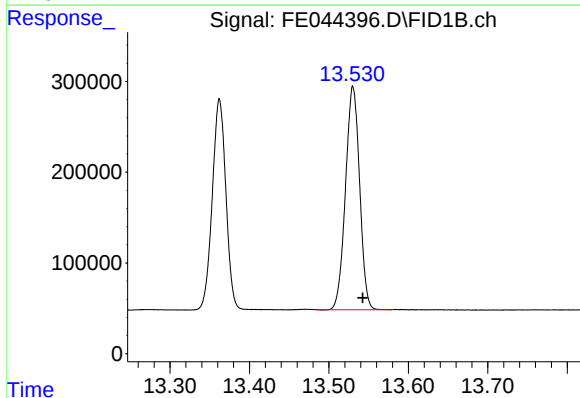
R.T.: 11.923 min
Delta R.T.: -0.014 min
Response: 3729841
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



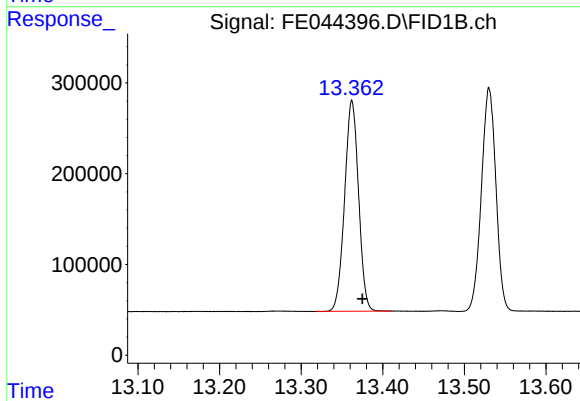
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.013 min
Response: 3106278
Conc: 18.78 ug/ml



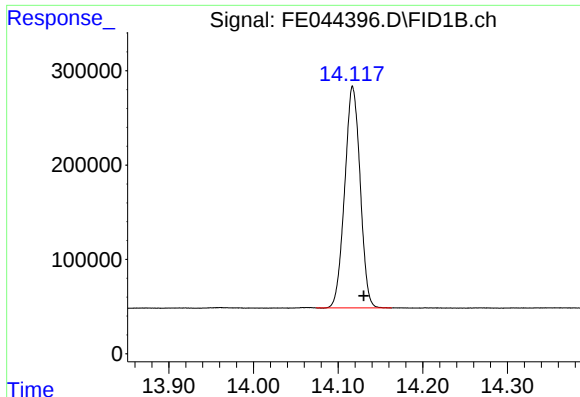
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.012 min
Response: 3035415
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

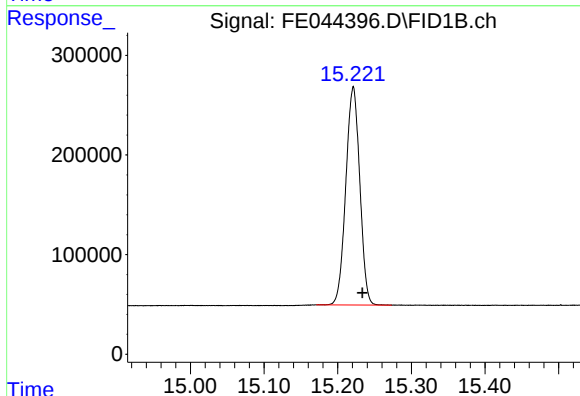
R.T.: 13.362 min
Delta R.T.: -0.013 min
Response: 2761883
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

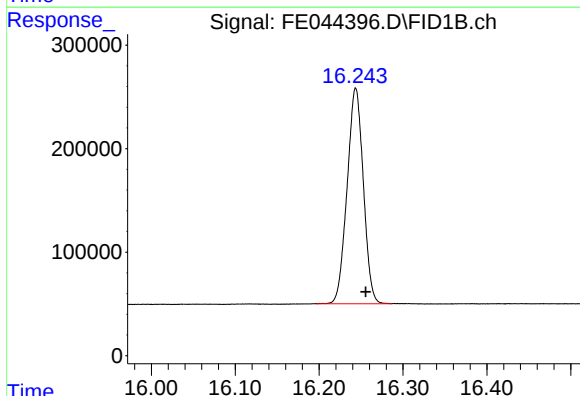
R.T.: 14.117 min
Delta R.T.: -0.013 min
Response: 2981687
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



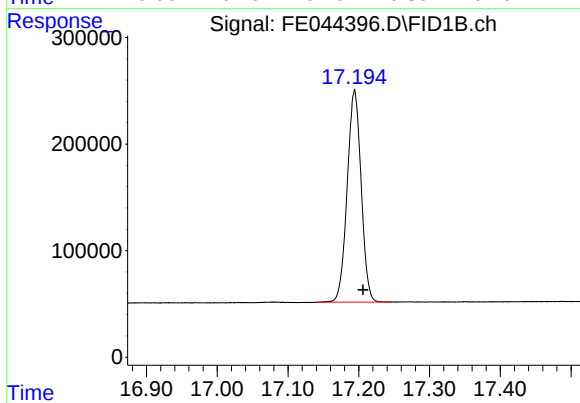
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.013 min
Response: 2886903
Conc: 18.46 ug/ml



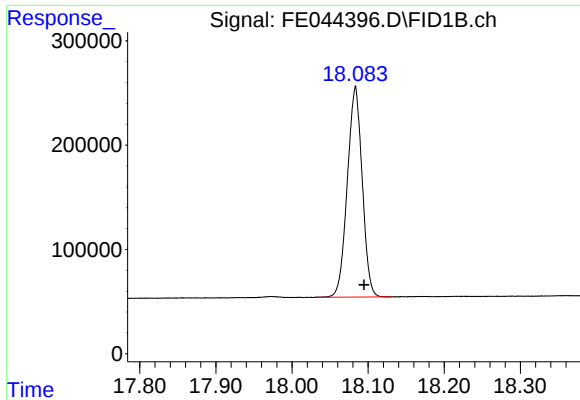
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.012 min
Response: 2794442
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

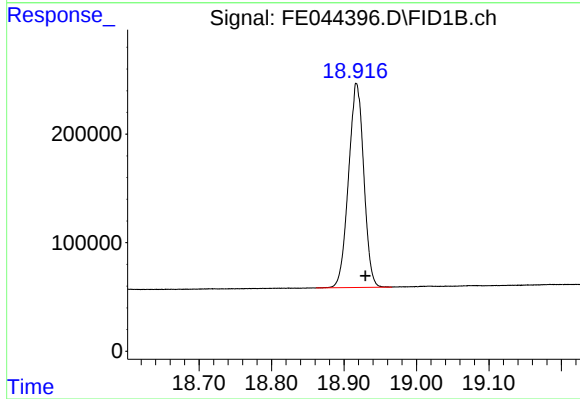
R.T.: 17.194 min
Delta R.T.: -0.012 min
Response: 2727577
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

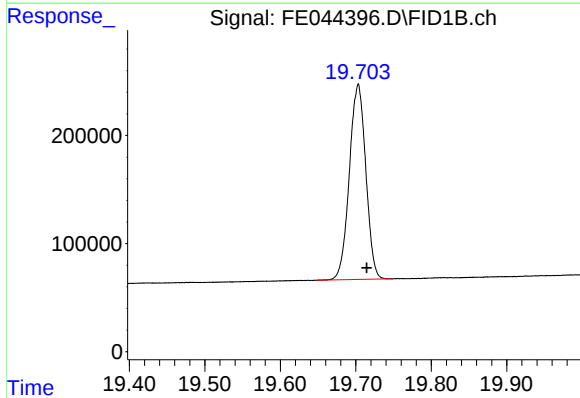
R.T.: 18.083 min
Delta R.T.: -0.011 min
Response: 2739693
Conc: 18.86 ug/ml

Instrument :
FID_E
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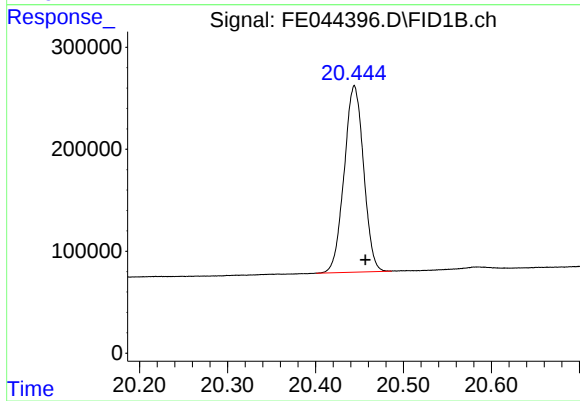
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.012 min
Response: 2746540
Conc: 19.28 ug/ml



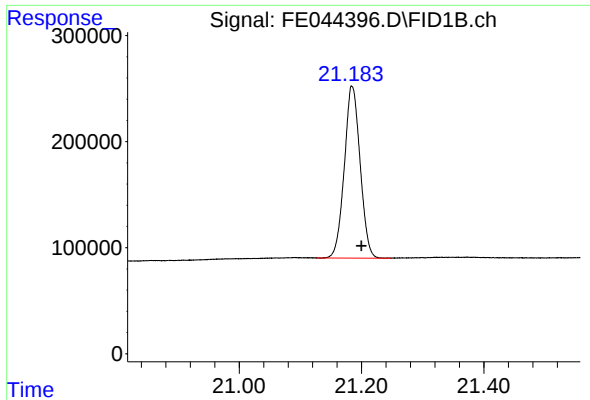
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.011 min
Response: 2733097
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

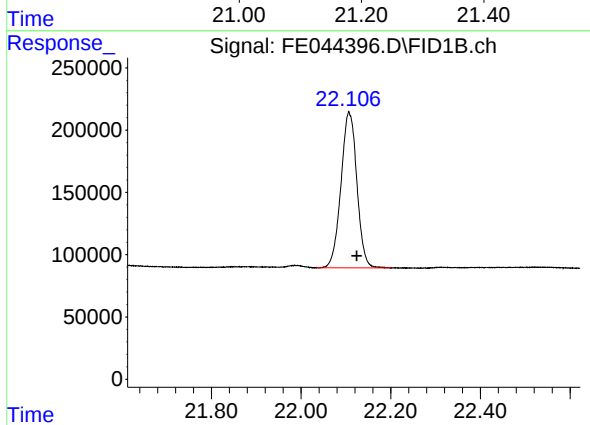
R.T.: 20.444 min
Delta R.T.: -0.013 min
Response: 2803822
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.015 min
Response: 2908301
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.017 min
Response: 3081719
Conc: 22.29 ug/ml