

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
 Data File : FE051223.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2024 04:44
 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: autoint1.e
 Quant Time: Nov 14 05:30:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.846	3060116	20.388 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	13.279	2318450	20.421 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.236	2929537	21.172 ug/ml
2) T n-Decane (C10)	4.486	2995429	21.369 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2793237	21.185 ug/ml
4) T n-Dodecane (C12)	6.653	2997247	21.227 ug/ml
5) T A~2-methylnaphthalene...	7.295	2609405	20.860 ug/ml
6) T n-Tetradecane (C14)	8.479	2914300	20.912 ug/ml
7) T n-Hexadecane (C16)	10.084	2938246	20.705 ug/ml
8) T n-Octadecane (C18)	11.525	2938582	20.578 ug/ml
10) T n-Eicosane (C20)	12.832	2805125	20.497 ug/ml
11) T n-Heneicosane (C21)	13.443	2737605	20.484 ug/ml
13) T n-Docosane (C22)	14.029	2777274	20.890 ug/ml
14) T n-Tetracosane (C24)	15.130	2823922	21.287 ug/ml
15) T n-Hexacosane (C26)	16.149	2856497	21.338 ug/ml
16) T n-Octacosane (C28)	17.097	2948583	21.628 ug/ml
17) T n-Tricontane (C30)	17.984	3141954	21.626 ug/ml
18) T n-Dotriacontane (C32)	18.815	3173887	21.376 ug/ml
19) T n-Tetratriacontane (C34)	19.597	2809332	20.908 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2395783	20.079 ug/ml
21) T n-Octatriacontane (C38)	21.058	2101424	18.463 ug/ml
22) T n-Tetracontane (C40)	21.937	1840334	16.547 ug/ml

(f)=RT Delta > 1/2 Window

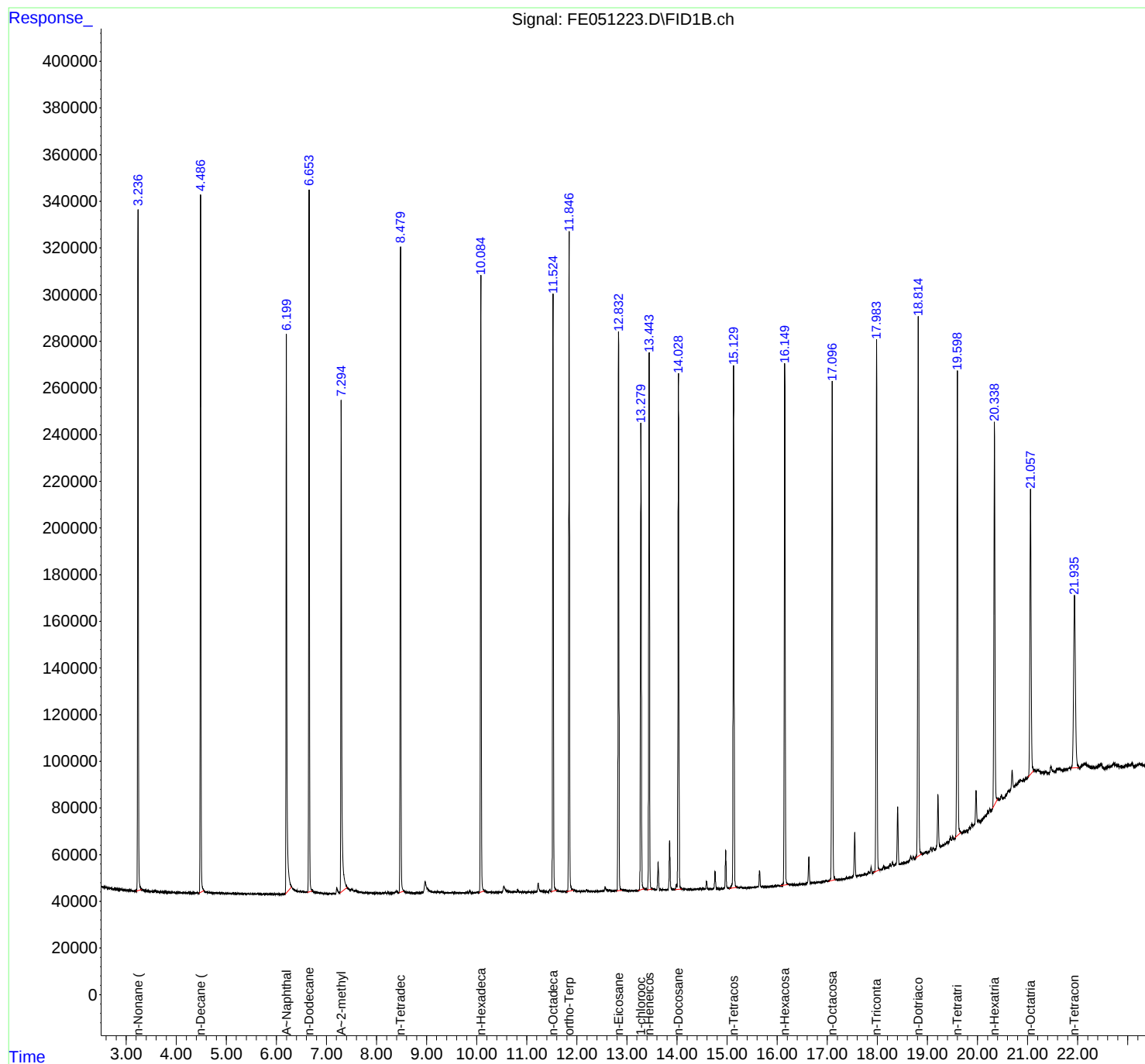
(m)=manual int.

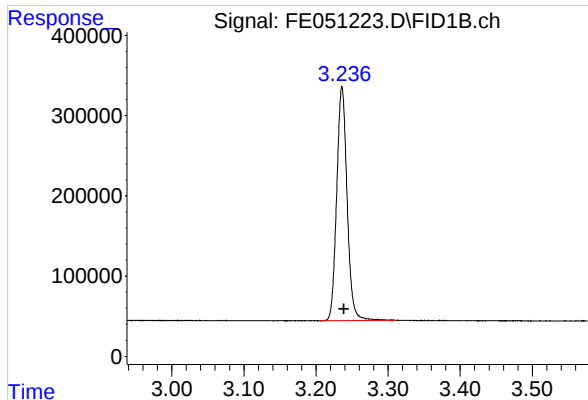
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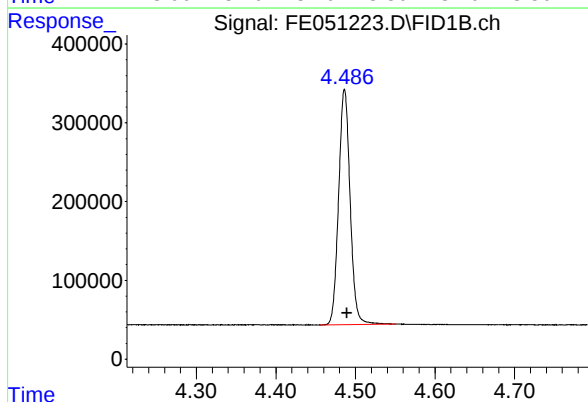




#1 n-Nonane (C9)

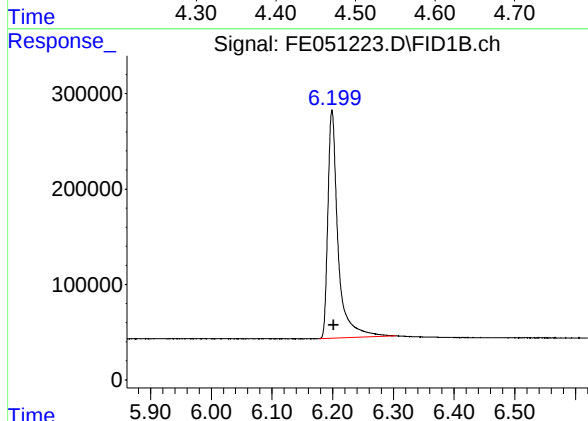
R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 2929537
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



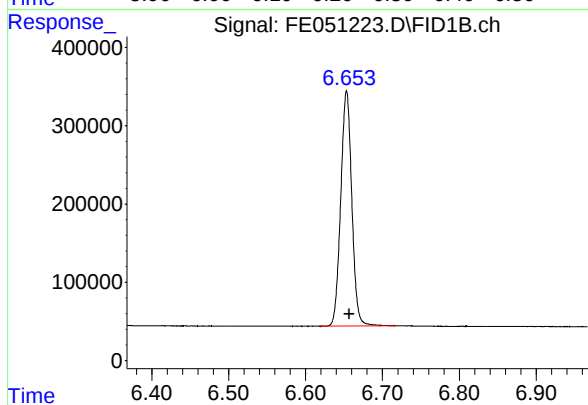
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 2995429
Conc: 21.37 ug/ml



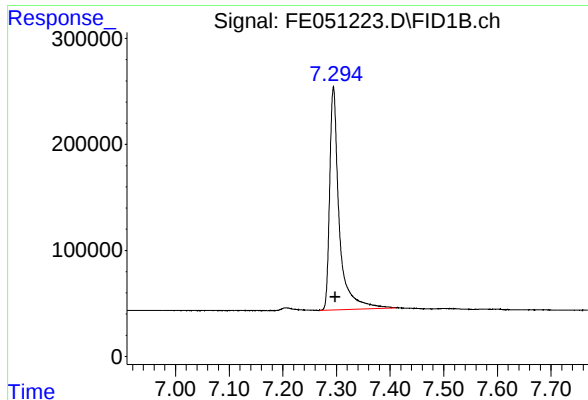
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 2793237
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

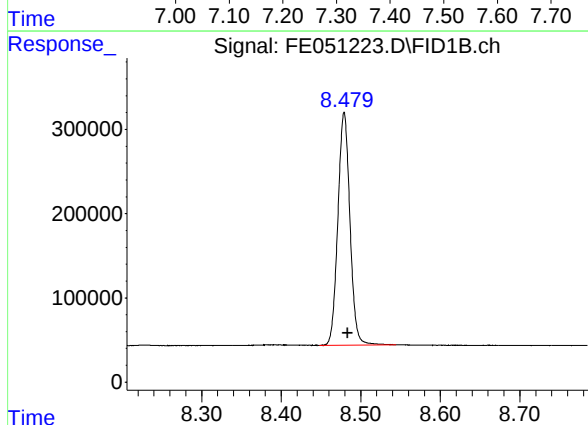
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 2997247
Conc: 21.23 ug/ml



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

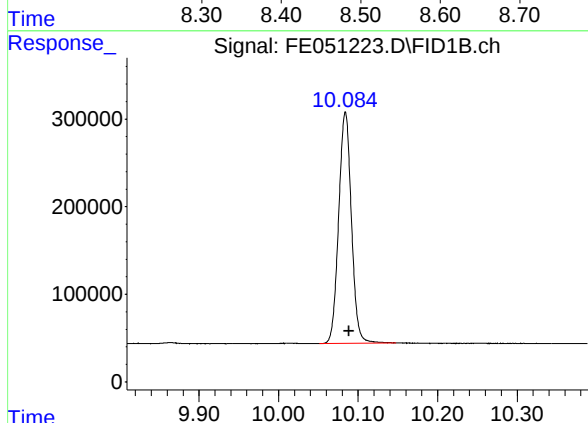
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2609405
Conc: 20.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



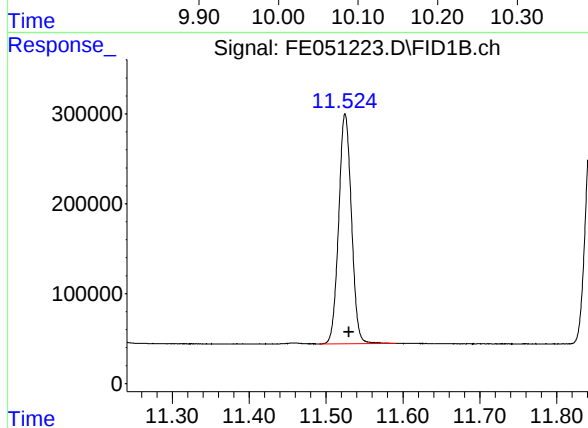
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 2914300
Conc: 20.91 ug/ml



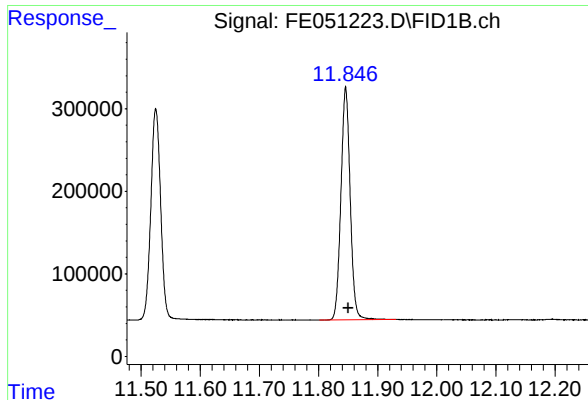
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 2938246
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

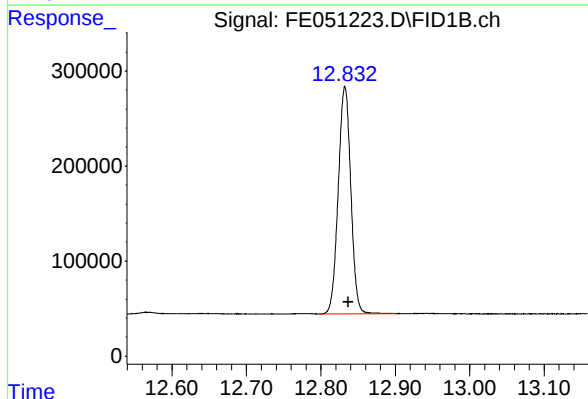
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 2938582
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

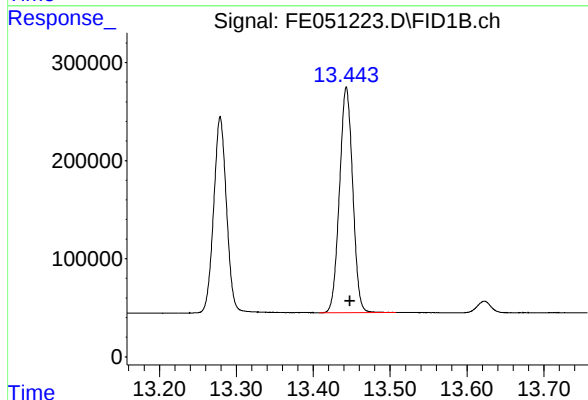
R.T.: 11.846 min
Delta R.T.: -0.004 min
Response: 3060116
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



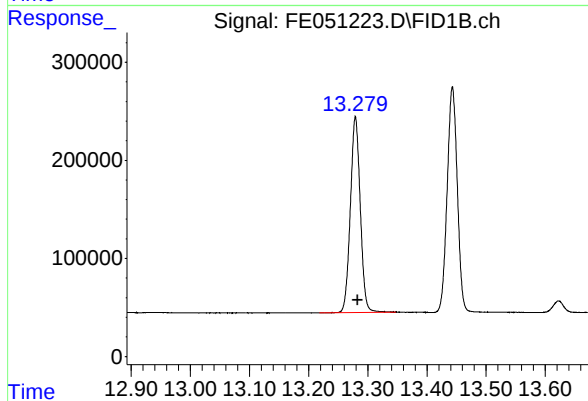
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.005 min
Response: 2805125
Conc: 20.50 ug/ml



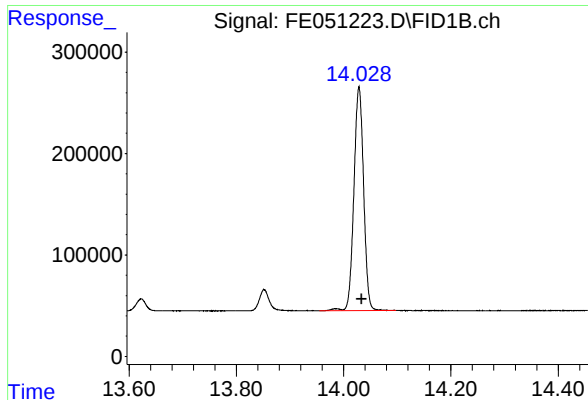
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 2737605
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

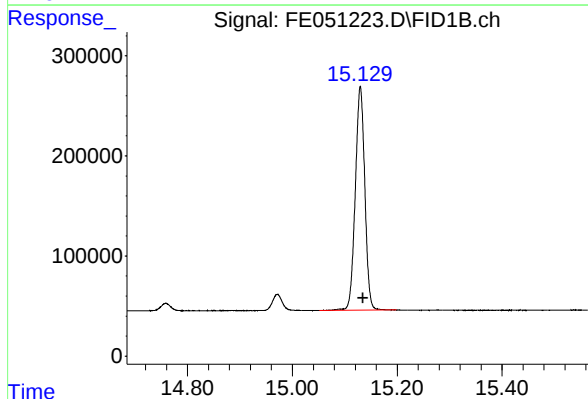
R.T.: 13.279 min
Delta R.T.: -0.004 min
Response: 2318450
Conc: 20.42 ug/ml



#13 n-Docosane (C22)

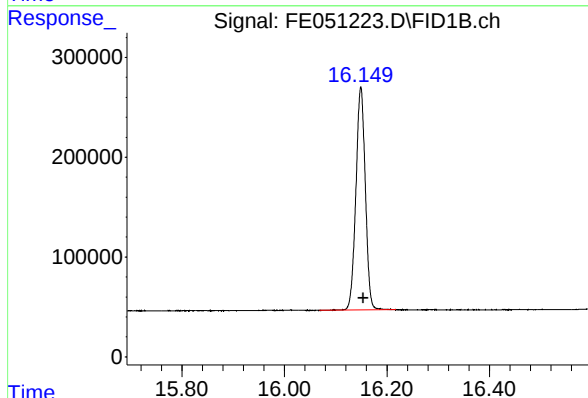
R.T.: 14.029 min
Delta R.T.: -0.005 min
Response: 2777274
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



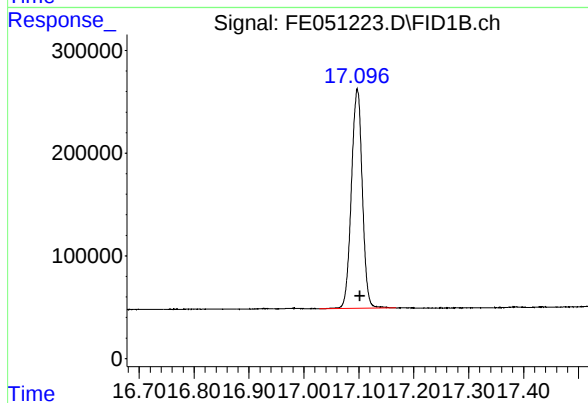
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.005 min
Response: 2823922
Conc: 21.29 ug/ml



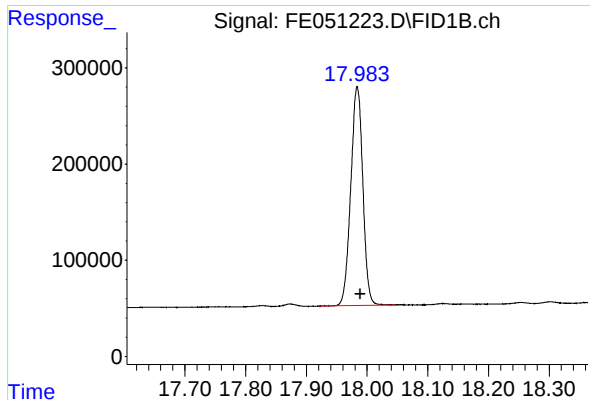
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.005 min
Response: 2856497
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

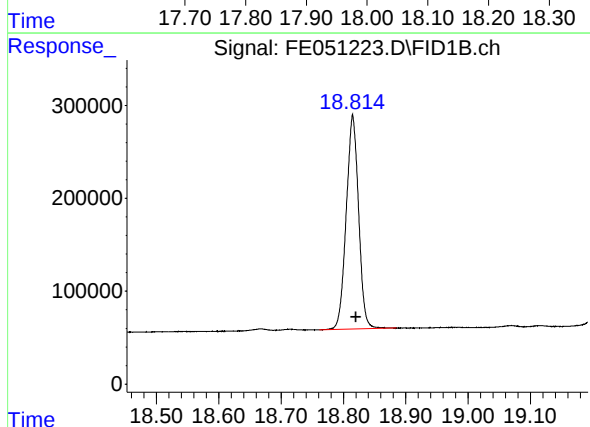
R.T.: 17.097 min
Delta R.T.: -0.005 min
Response: 2948583
Conc: 21.63 ug/ml



#17 n-Tricontane (C30)

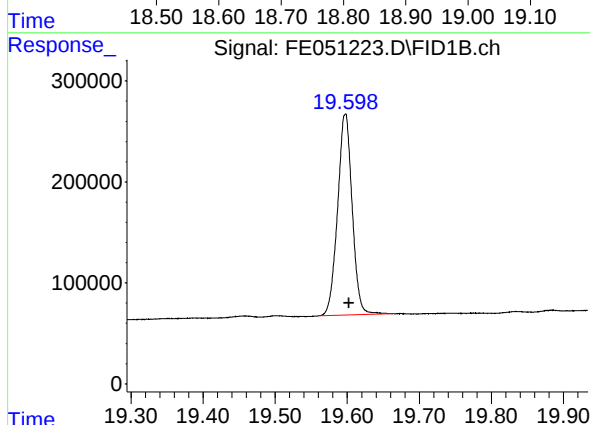
R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 3141954
Conc: 21.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



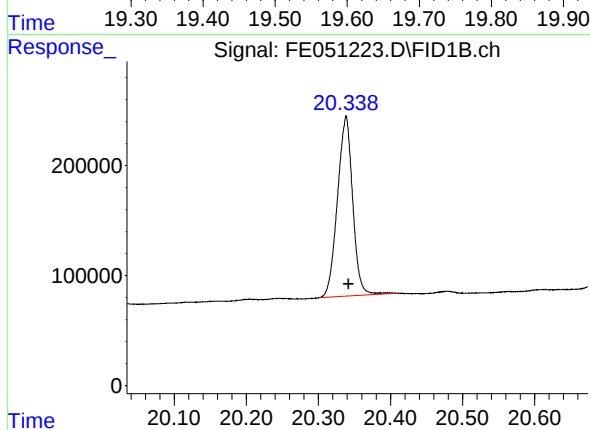
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 3173887
Conc: 21.38 ug/ml



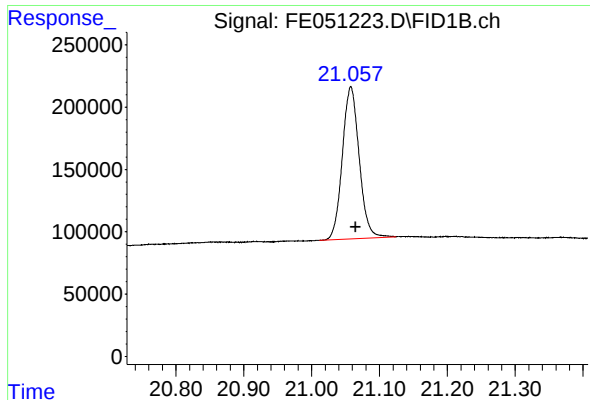
#19 n-Tetatriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.005 min
Response: 2809332
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

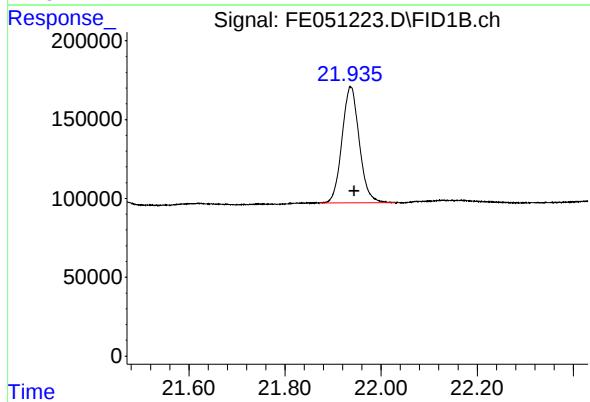
R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2395783
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 2101424
Conc: 18.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.008 min
Response: 1840334
Conc: 16.55 ug/ml