

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE041014.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 21:02
 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: Mar 25 00:57:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.866	3539270	18.946 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
12) S 1-chlorooctadecane (S...	13.305	2738990	18.506 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.262	3281706	21.327 ug/ml
2) T n-Decane (C10)	4.510	3277201	21.783 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3539164	21.337 ug/ml
4) T n-Dodecane (C12)	6.674	3321803	21.699 ug/ml
5) T A~2-methylnaphthalene...	7.308	3225091	21.310 ug/ml
6) T n-Tetradecane (C14)	8.500	3333600	21.569 ug/ml
7) T n-Hexadecane (C16)	10.108	3382756	20.943 ug/ml
8) T n-Octadecane (C18)	11.551	3386312	19.943 ug/ml
10) T n-Eicosane (C20)	12.860	3244554	19.179 ug/ml
11) T n-Heneicosane (C21)	13.473	3212109	18.745 ug/ml
13) T n-Docosane (C22)	14.060	3147154	18.371 ug/ml
14) T n-Tetracosane (C24)	15.163	3085458	17.898 ug/ml
15) T n-Hexacosane (C26)	16.185	2977856	17.521 ug/ml
16) T n-Octacosane (C28)	17.135	2966839	17.691 ug/ml
17) T n-Tricontane (C30)	18.025	3025833	18.531 ug/ml
18) T n-Dotriacontane (C32)	18.859	3104902	18.141 ug/ml
19) T n-Tetratriacontane (C34)	19.643	3043489	19.685 ug/ml
20) T n-Hexatriacontane (C36)	20.386	2953018	20.326 ug/ml
21) T n-Octatriacontane (C38)	21.115	2996287	21.798 ug/ml
22) T n-Tetracontane (C40)	22.002	3194418	20.673 ug/ml

(f)=RT Delta > 1/2 Window

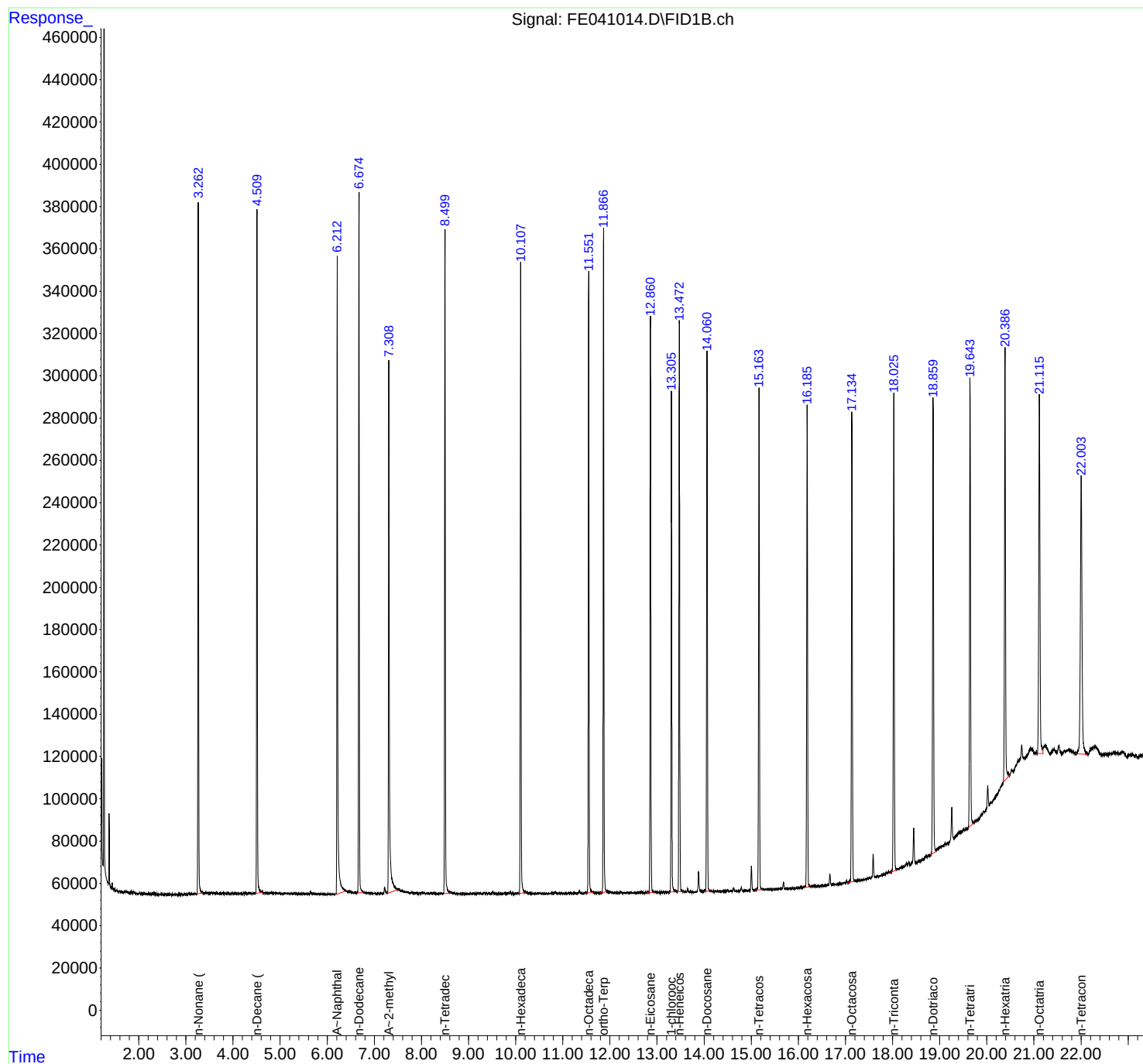
(m)=manual int.

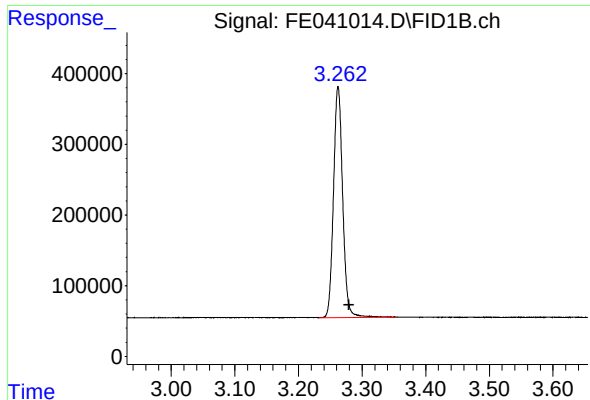
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
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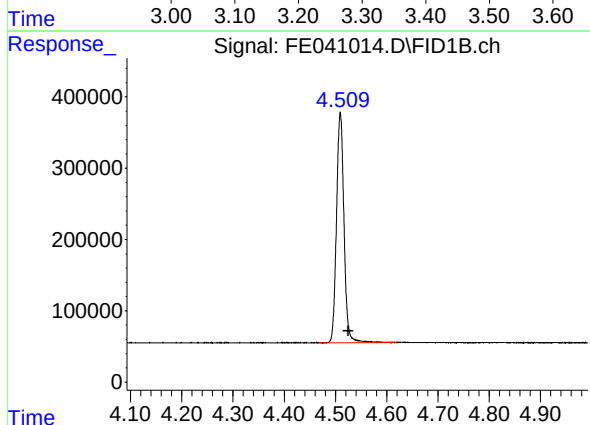




#1 n-Nonane (C9)

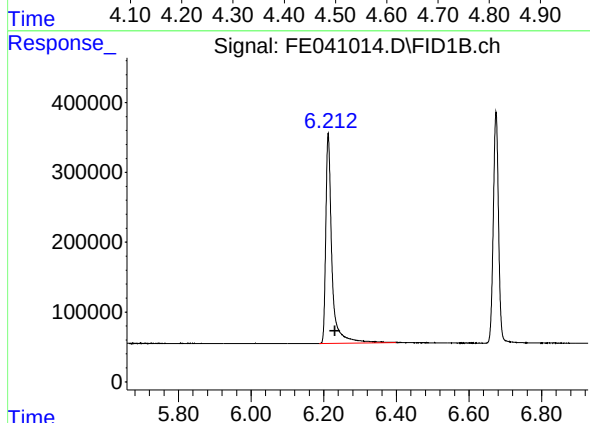
R.T.: 3.262 min
Delta R.T.: -0.017 min
Response: 3281706
Conc: 21.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



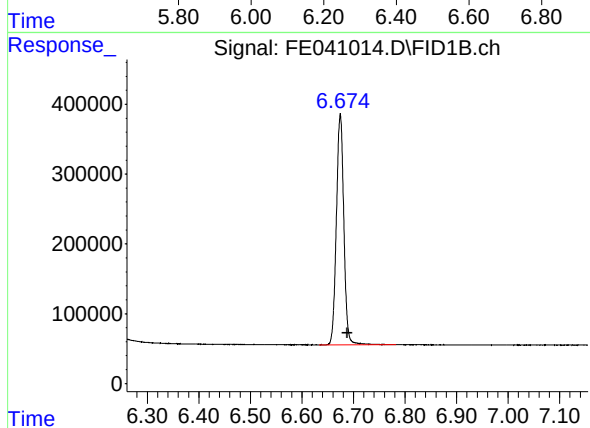
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.015 min
Response: 3277201
Conc: 21.78 ug/ml



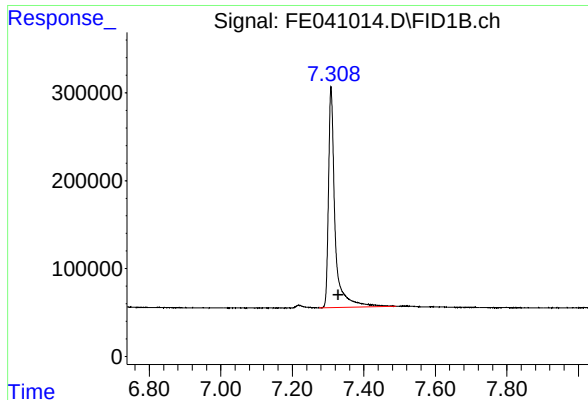
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.019 min
Response: 3539164
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

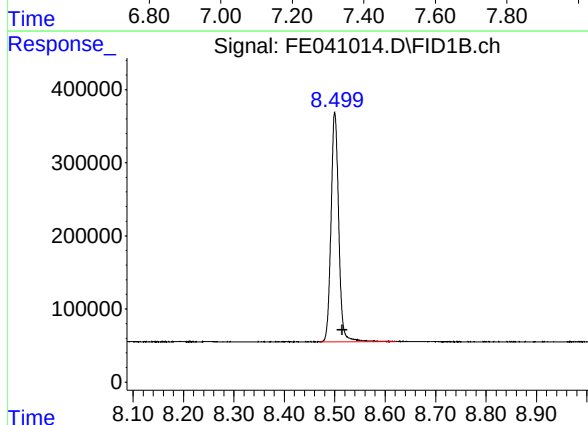
R.T.: 6.674 min
Delta R.T.: -0.013 min
Response: 3321803
Conc: 21.70 ug/ml



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

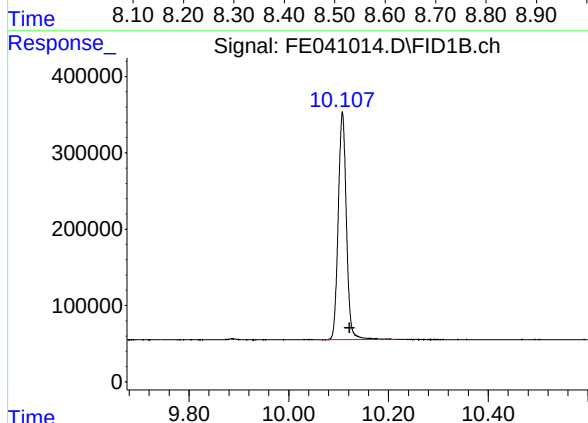
R.T.: 7.308 min
Delta R.T.: -0.020 min
Response: 3225091
Conc: 21.31 ug/ml

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20 PPM ALIPHATIC HC STD



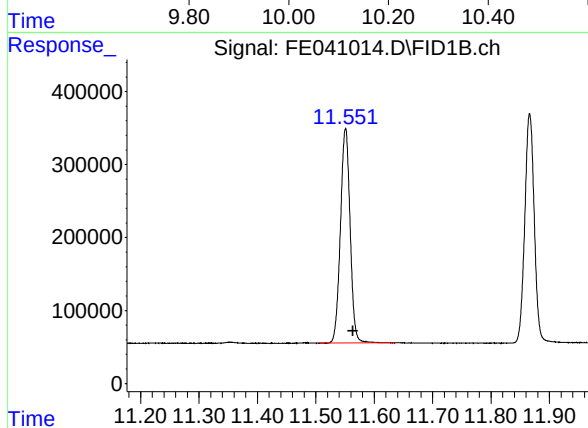
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.015 min
Response: 3333600
Conc: 21.57 ug/ml



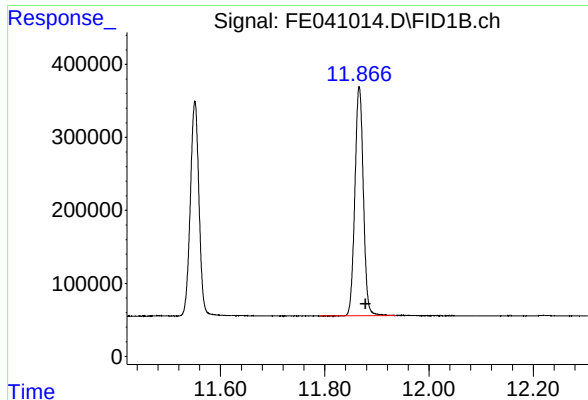
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.015 min
Response: 3382756
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

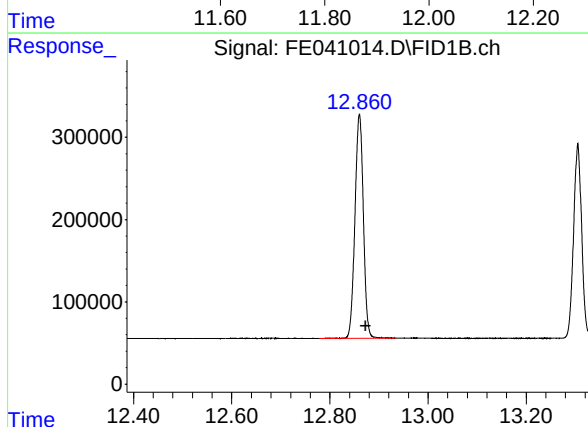
R.T.: 11.551 min
Delta R.T.: -0.012 min
Response: 3386312
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

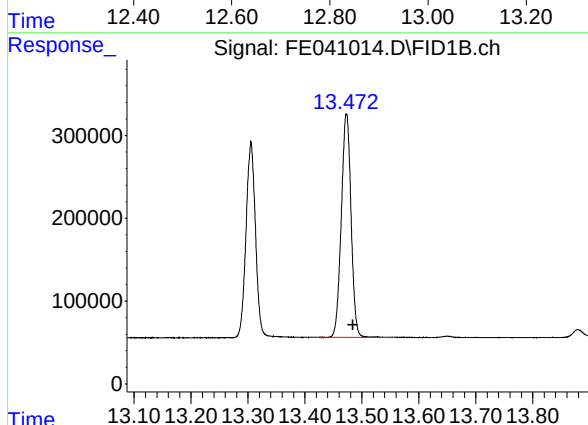
R.T.: 11.866 min
Delta R.T.: -0.012 min
Response: 3539270
Conc: 18.95 ug/ml

Instrument :
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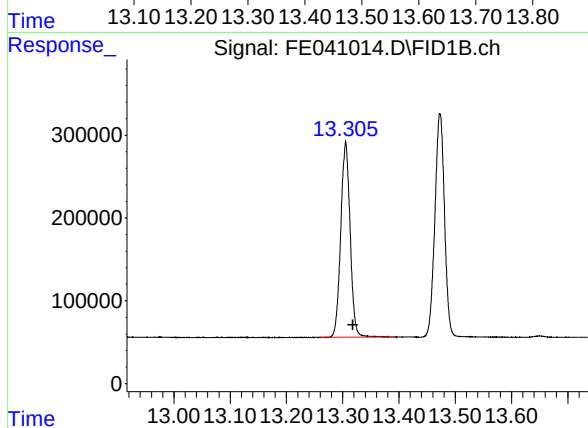
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.012 min
Response: 3244554
Conc: 19.18 ug/ml



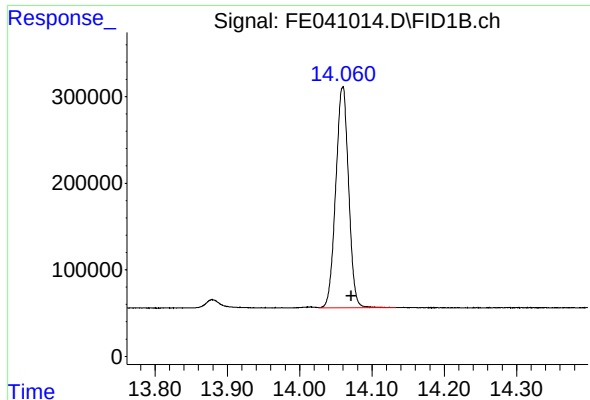
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: -0.011 min
Response: 3212109
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

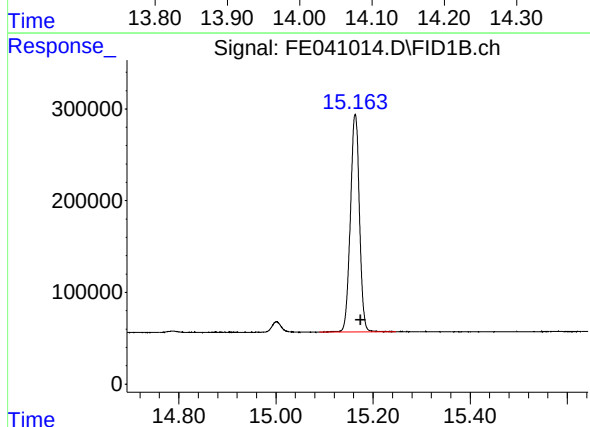
R.T.: 13.305 min
Delta R.T.: -0.013 min
Response: 2738990
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

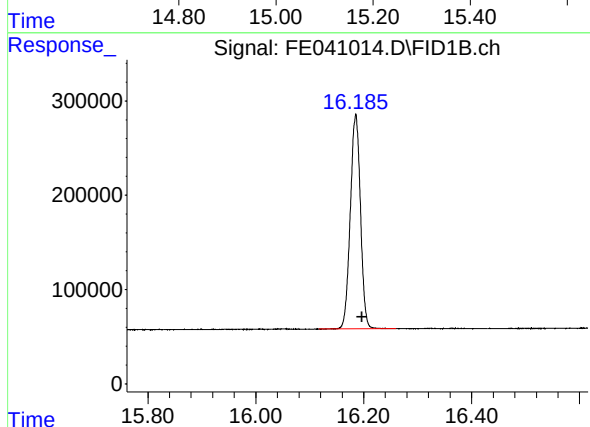
R.T.: 14.060 min
Delta R.T.: -0.012 min
Response: 3147154
Conc: 18.37 ug/ml

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20 PPM ALIPHATIC HC STD



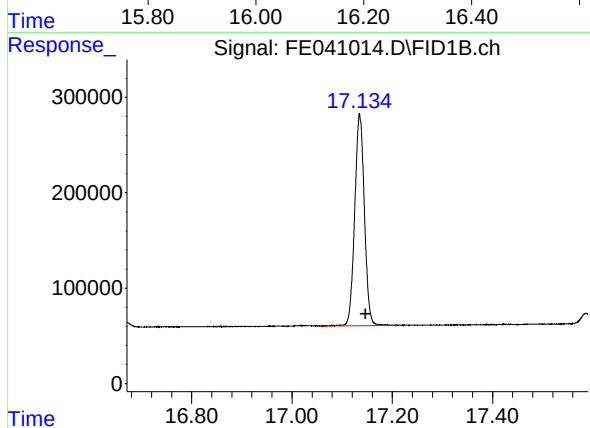
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.011 min
Response: 3085458
Conc: 17.90 ug/ml



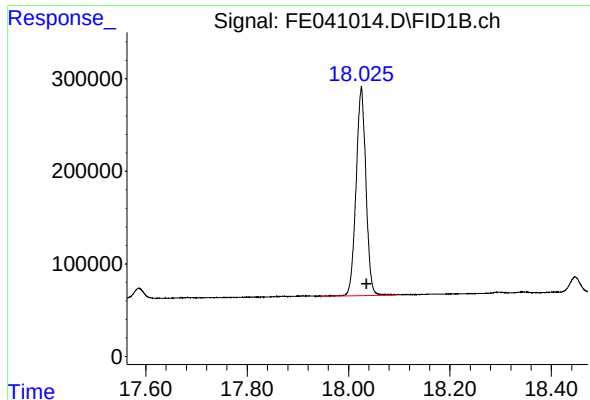
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.011 min
Response: 2977856
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

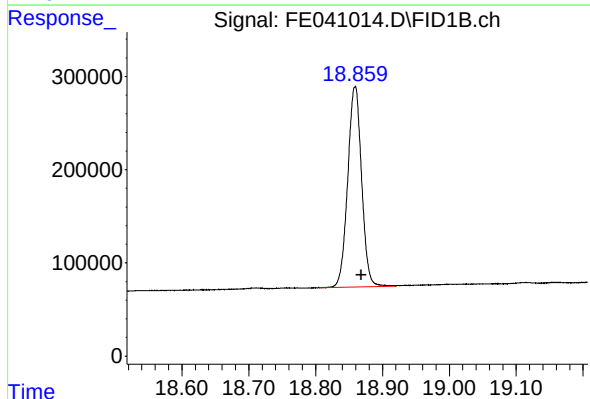
R.T.: 17.135 min
Delta R.T.: -0.012 min
Response: 2966839
Conc: 17.69 ug/ml



#17 n-Tricontane (C30)

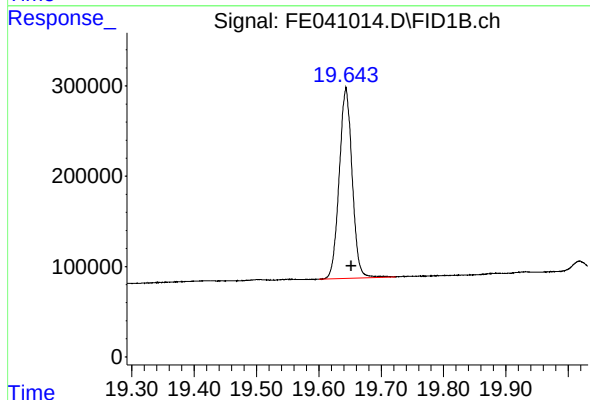
R.T.: 18.025 min
Delta R.T.: -0.011 min
Response: 3025833
Conc: 18.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



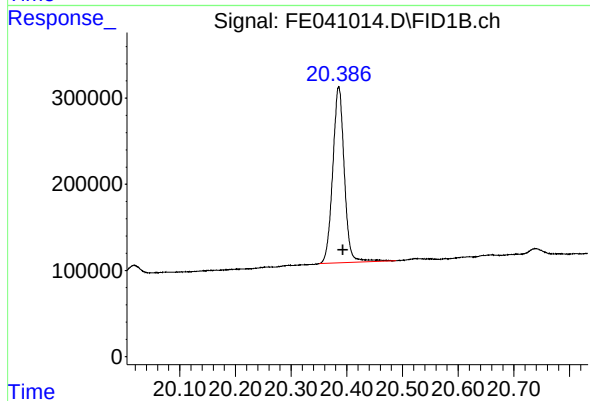
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.009 min
Response: 3104902
Conc: 18.14 ug/ml



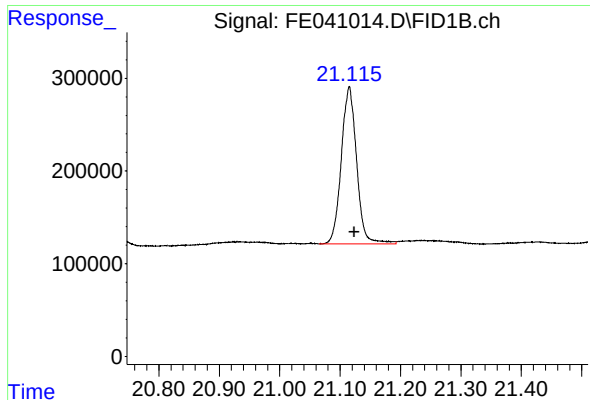
#19 n-Tetatriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.008 min
Response: 3043489
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

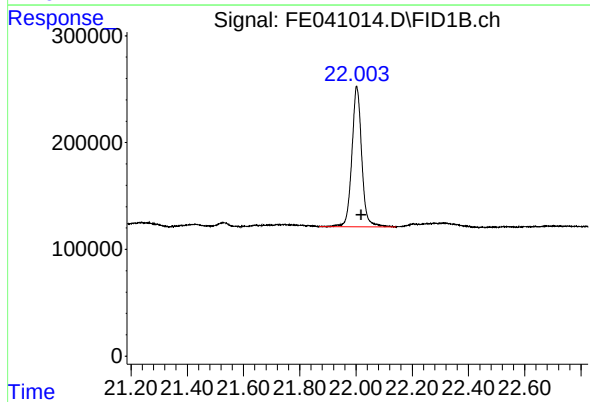
R.T.: 20.386 min
Delta R.T.: -0.008 min
Response: 2953018
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.008 min
Response: 2996287
Conc: 21.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.016 min
Response: 3194418
Conc: 20.67 ug/ml