

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041146.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 08:43
 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: Apr 04 23:51:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.852	3558247	18.933 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.292	2753694	19.139 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.248	3217113	18.541 ug/ml
2) T n-Decane (C10)	4.496	3221375	18.925 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3546229	19.388 ug/ml
4) T n-Dodecane (C12)	6.660	3287208	18.951 ug/ml
5) T A~2-methylnaphthalene...	7.294	3328524	20.098 ug/ml
6) T n-Tetradecane (C14)	8.488	3315800	19.016 ug/ml
7) T n-Hexadecane (C16)	10.095	3402729	19.132 ug/ml
8) T n-Octadecane (C18)	11.537	3411905	19.109 ug/ml
10) T n-Eicosane (C20)	12.846	3275395	19.202 ug/ml
11) T n-Heneicosane (C21)	13.459	3243426	19.171 ug/ml
13) T n-Docosane (C22)	14.046	3203115	19.356 ug/ml
14) T n-Tetracosane (C24)	15.150	3186073	19.693 ug/ml
15) T n-Hexacosane (C26)	16.173	3105976	20.037 ug/ml
16) T n-Octacosane (C28)	17.124	3136099	20.473 ug/ml
17) T n-Tricontane (C30)	18.013	3195427	20.905 ug/ml
18) T n-Dotriacontane (C32)	18.849	3265867	20.918 ug/ml
19) T n-Tetratriacontane (C34)	19.634	3163744	20.415 ug/ml
20) T n-Hexatriacontane (C36)	20.375	3083561	20.300 ug/ml
21) T n-Octatriacontane (C38)	21.102	3114351	19.936 ug/ml
22) T n-Tetracontane (C40)	21.988	3278056	20.539 ug/ml

(f)=RT Delta > 1/2 Window

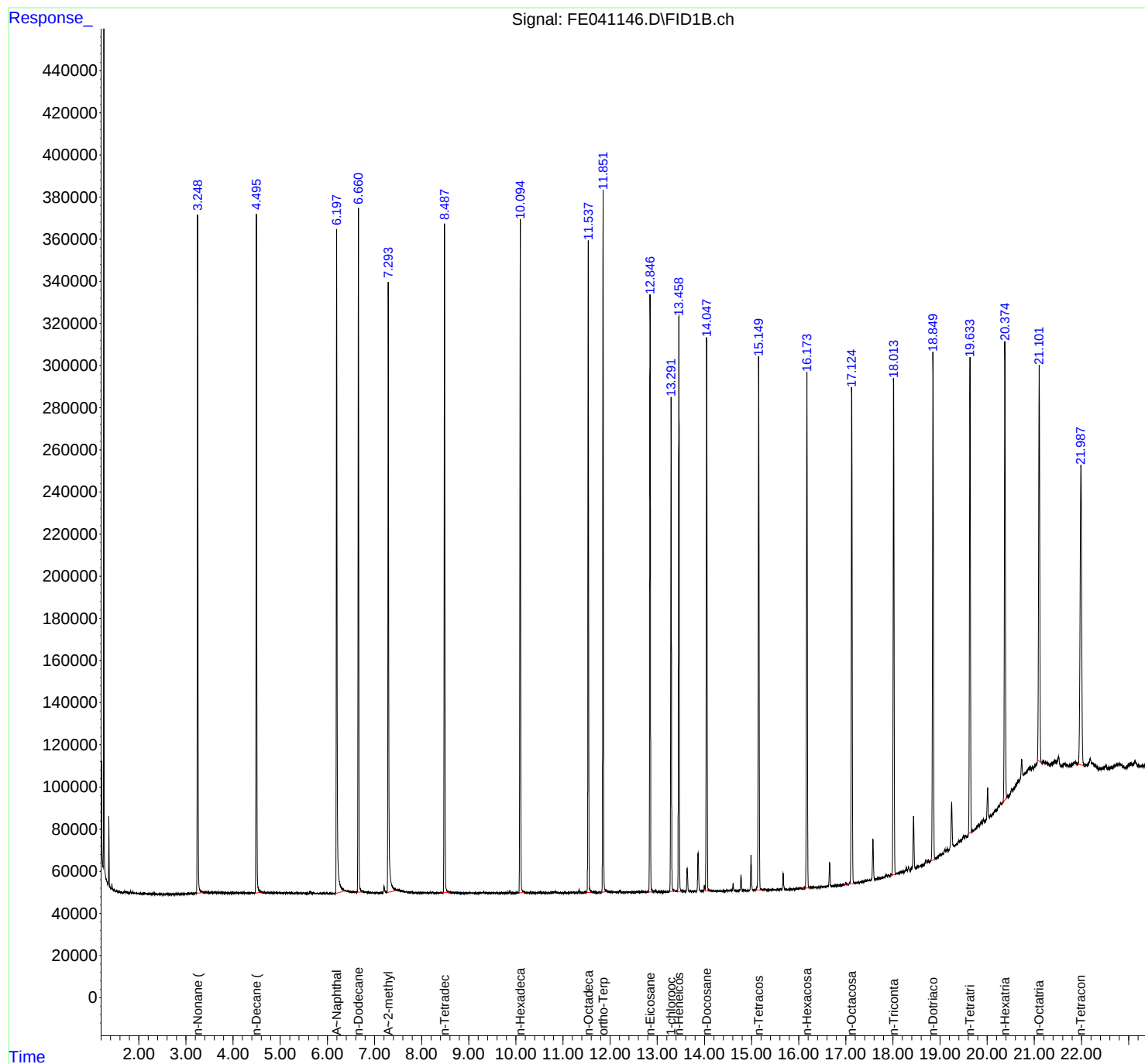
(m)=manual int.

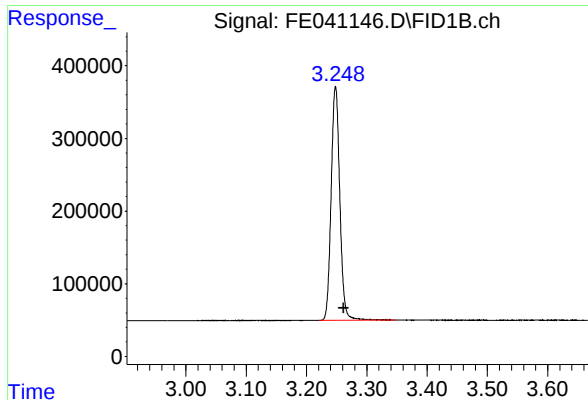
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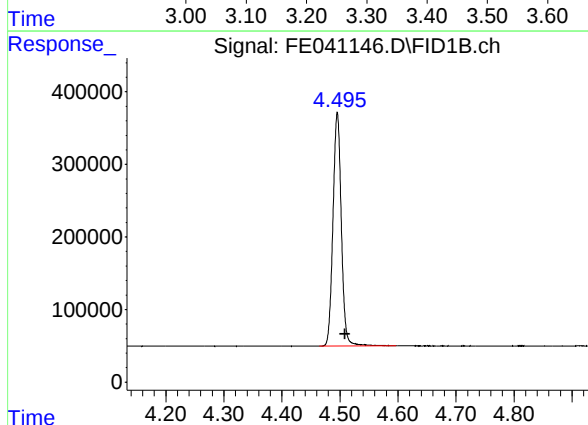




#1 n-Nonane (C9)

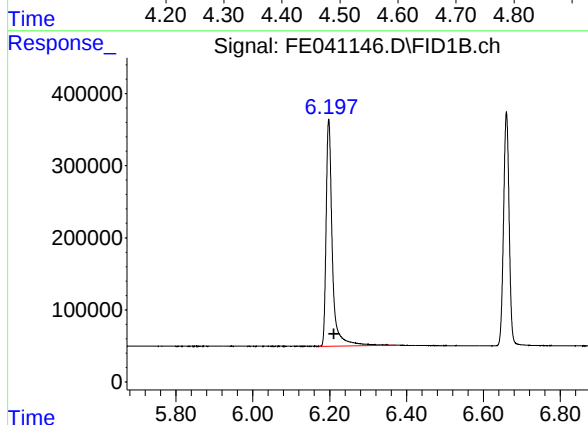
R.T.: 3.248 min
Delta R.T.: -0.014 min
Response: 3217113
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



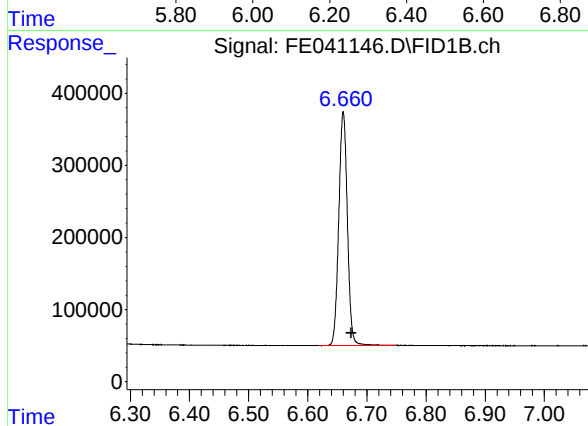
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.013 min
Response: 3221375
Conc: 18.93 ug/ml



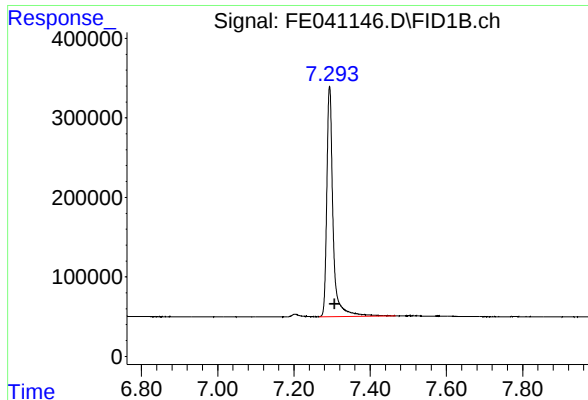
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.014 min
Response: 3546229
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

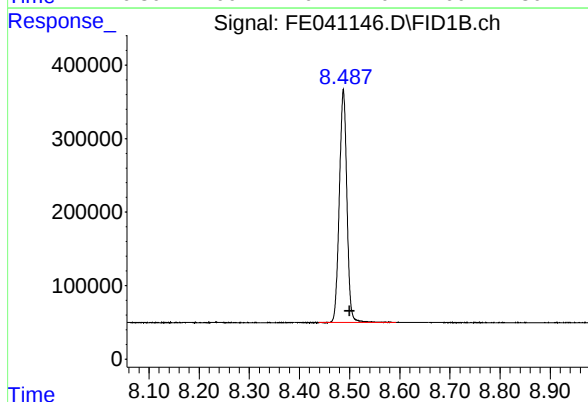
R.T.: 6.660 min
Delta R.T.: -0.013 min
Response: 3287208
Conc: 18.95 ug/ml



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

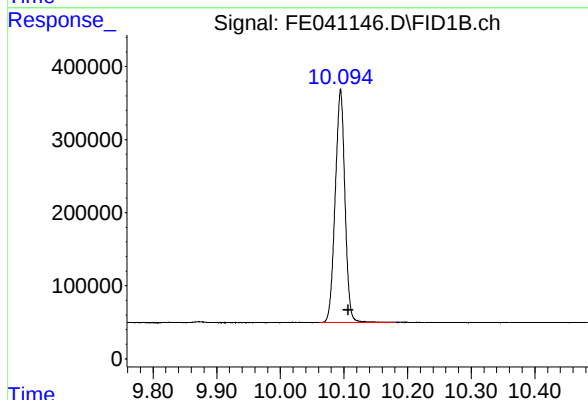
R.T.: 7.294 min
Delta R.T.: -0.014 min
Response: 3328524
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



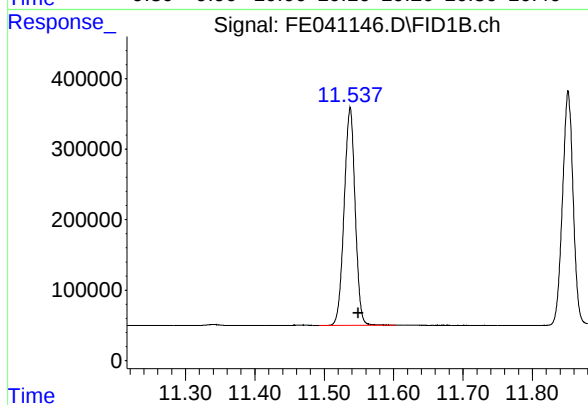
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.012 min
Response: 3315800
Conc: 19.02 ug/ml



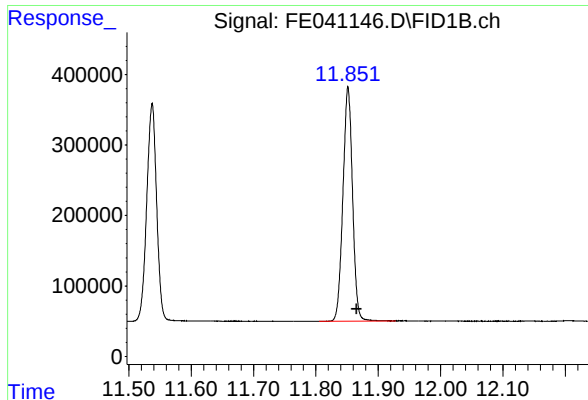
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.012 min
Response: 3402729
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

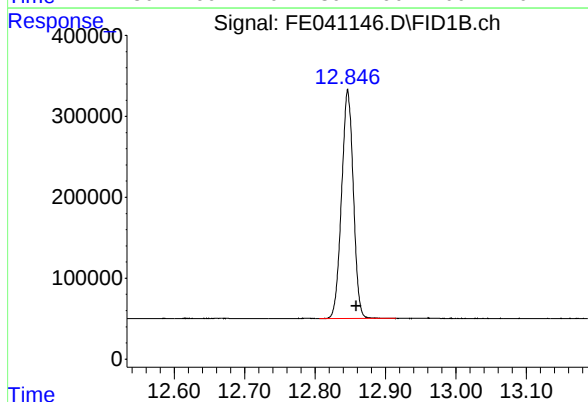
R.T.: 11.537 min
Delta R.T.: -0.012 min
Response: 3411905
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

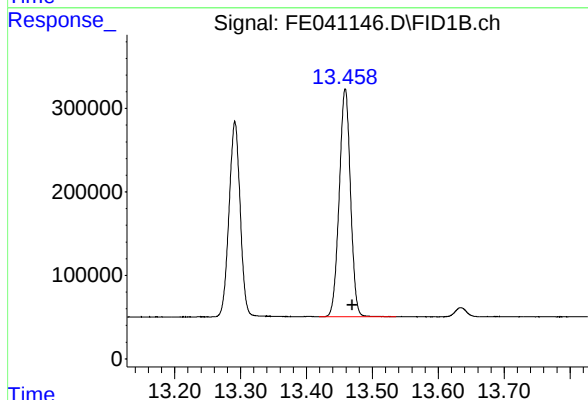
R.T.: 11.852 min
Delta R.T.: -0.013 min
Response: 3558247
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



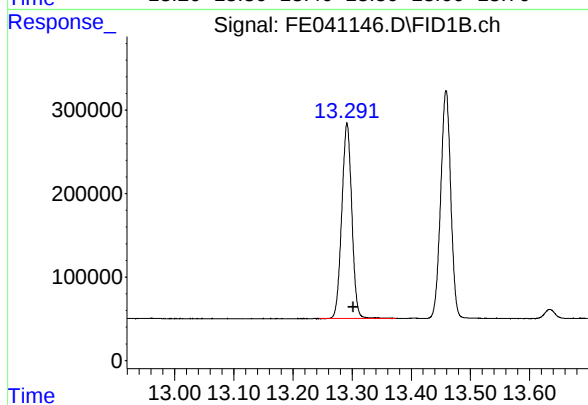
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 3275395
Conc: 19.20 ug/ml



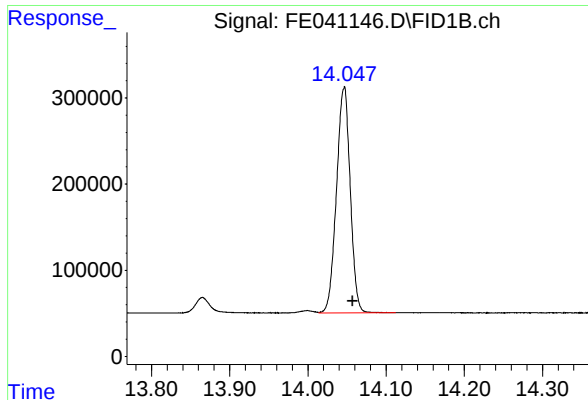
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.011 min
Response: 3243426
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

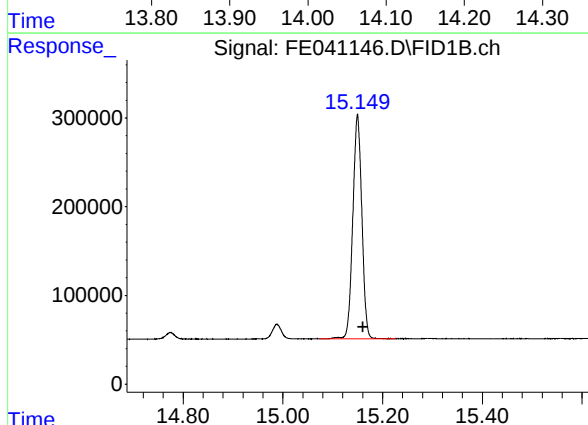
R.T.: 13.292 min
Delta R.T.: -0.010 min
Response: 2753694
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

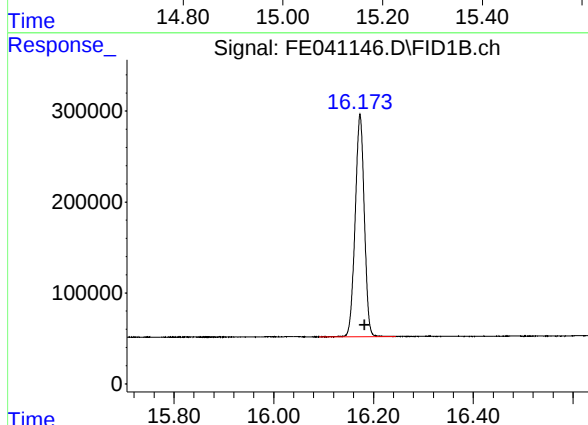
R.T.: 14.046 min
Delta R.T.: -0.011 min
Response: 3203115
Conc: 19.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



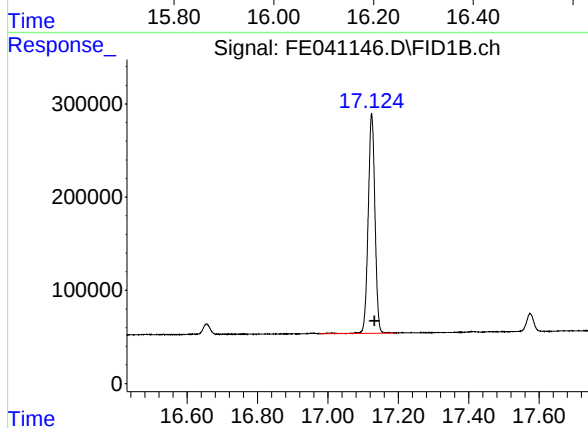
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.011 min
Response: 3186073
Conc: 19.69 ug/ml



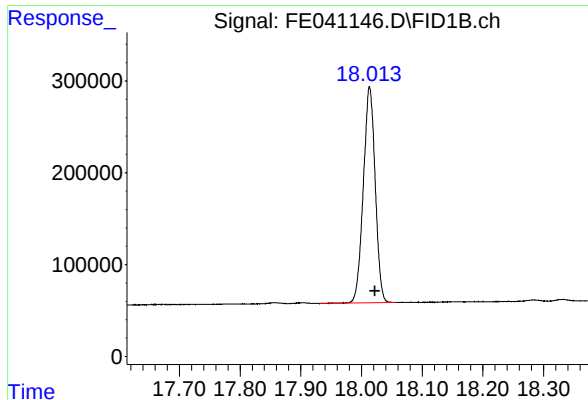
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.009 min
Response: 3105976
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

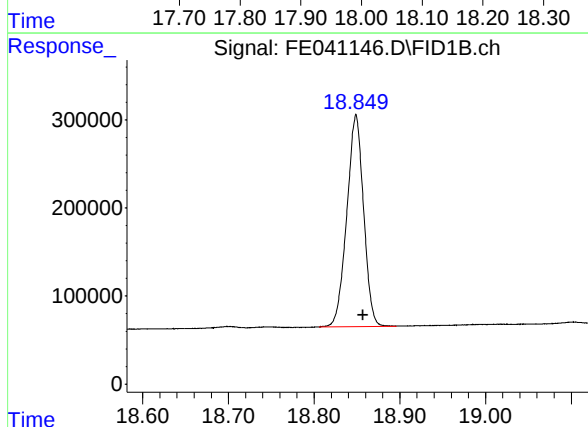
R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 3136099
Conc: 20.47 ug/ml



#17 n-Tricontane (C30)

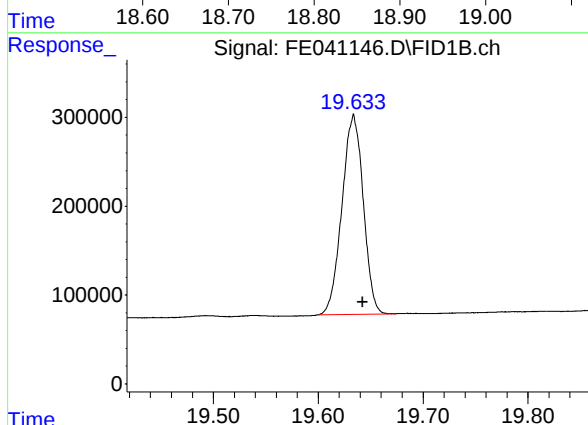
R.T.: 18.013 min
Delta R.T.: -0.009 min
Response: 3195427
Conc: 20.90 ug/ml

Instrument :
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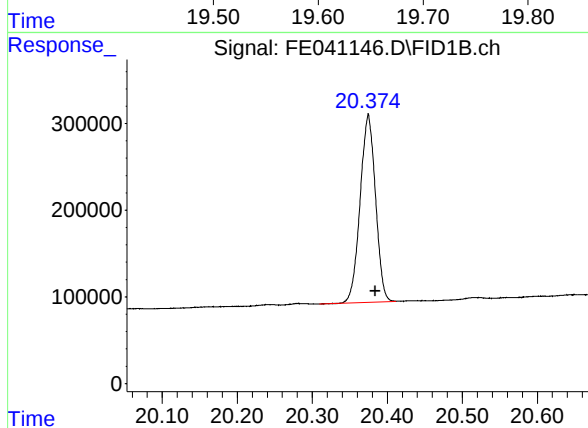
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.008 min
Response: 3265867
Conc: 20.92 ug/ml



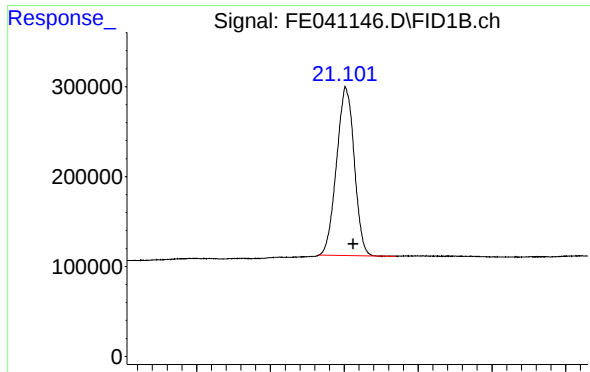
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.009 min
Response: 3163744
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

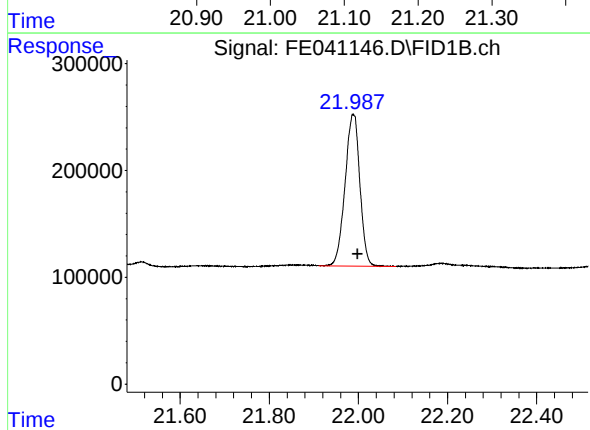
R.T.: 20.375 min
Delta R.T.: -0.009 min
Response: 3083561
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 3114351
Conc: 19.94 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.010 min
Response: 3278056
Conc: 20.54 ug/ml