

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101222AL\
 Data File : FE038082.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2022 09:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 13 04:58:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.598	3769898	21.796 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	13.019	2936011	21.722 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
Target Compounds			
1) T n-Nonane (C9)	2.996	3303946	22.433 ug/ml
2) T n-Decane (C10)	4.252	3437740	23.252 ug/ml
3) T A~Naphthalene (C11.7)	5.973	3233430	23.612 ug/ml
4) T n-Dodecane (C12)	6.424	3555326	23.332 ug/ml
5) T A~2-methylnaphthalene...	7.066	3090064	23.250 ug/ml
6) T n-Tetradecane (C14)	8.243	3574359	23.354 ug/ml
7) T n-Hexadecane (C16)	9.841	3615672	23.148 ug/ml
8) T n-Octadecane (C18)	11.275	3643467	22.715 ug/ml
10) T n-Eicosane (C20)	12.576	3617545	22.184 ug/ml
11) T n-Heneicosane (C21)	13.185	3576233	21.705 ug/ml
13) T n-Docosane (C22)	13.767	3623596	22.013 ug/ml
14) T n-Tetracosane (C24)	14.864	3527810	21.510 ug/ml
15) T n-Hexacosane (C26)	15.878	3406305	20.890 ug/ml
16) T n-Octacosane (C28)	16.821	3350794	20.916 ug/ml
17) T n-Tricontane (C30)	17.704	3409328	21.305 ug/ml
18) T n-Dotriacontane (C32)	18.531	3374522	21.430 ug/ml
19) T n-Tetratriacontane (C34)	19.310	3141892	21.207 ug/ml
20) T n-Hexatriacontane (C36)	20.046	3042463	21.104 ug/ml
21) T n-Octatriacontane (C38)	20.743	2873949	21.179 ug/ml
22) T n-Tetracontane (C40)	21.507	2919881	22.938 ug/ml

(f)=RT Delta > 1/2 Window

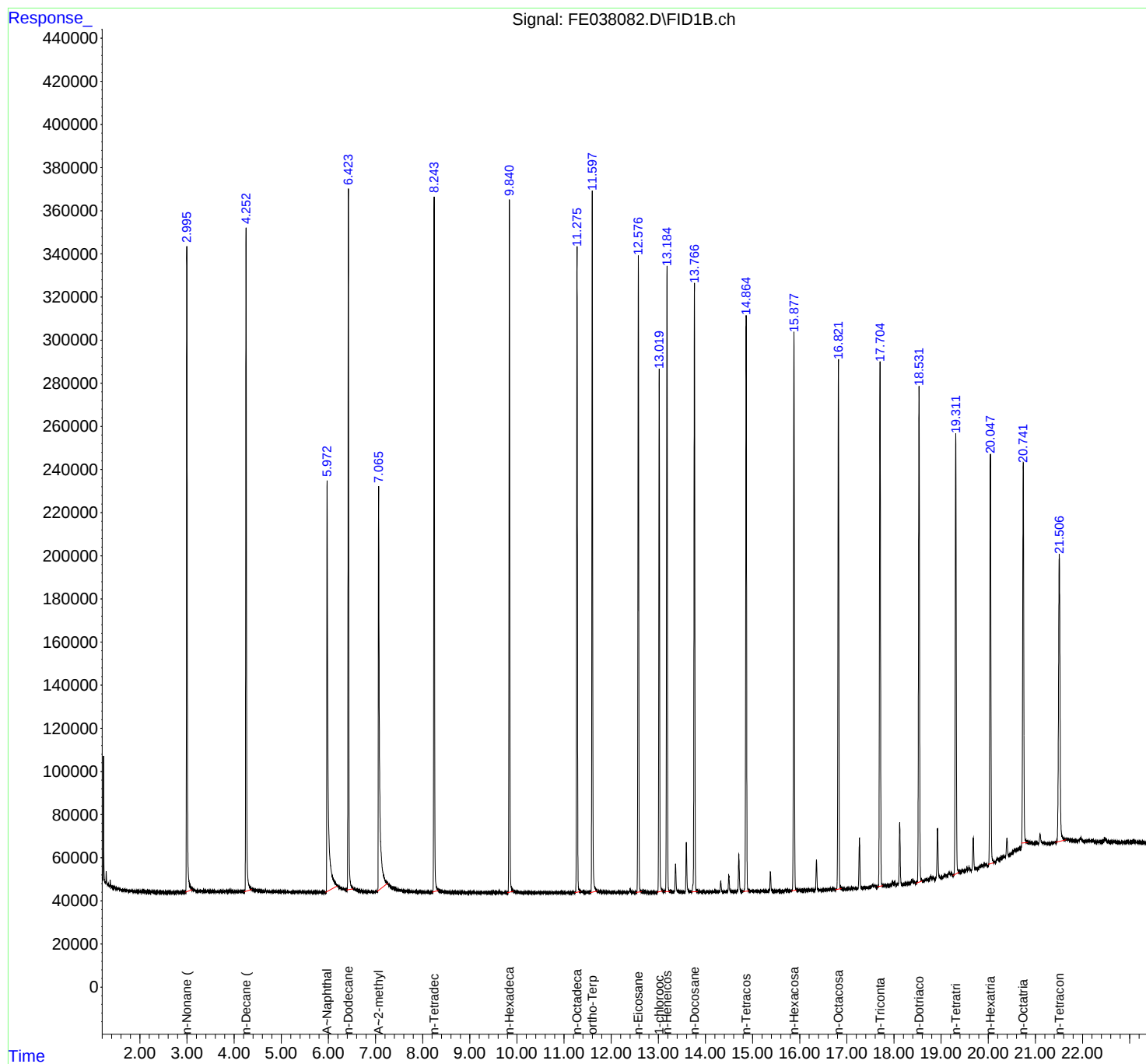
(m)=manual int.

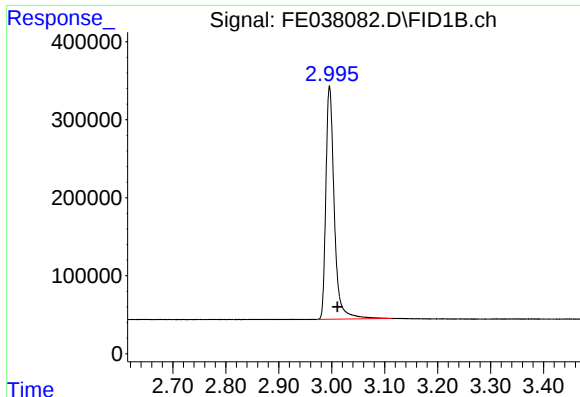
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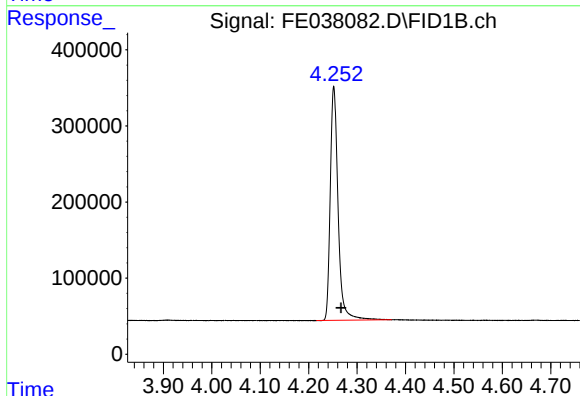




#1 n-Nonane (C9)

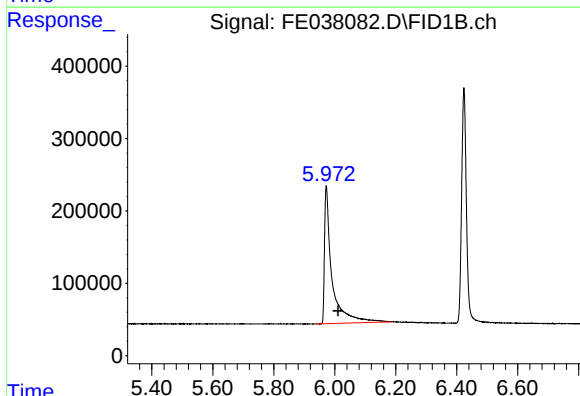
R.T.: 2.996 min
Delta R.T.: -0.015 min
Response: 3303946
Conc: 22.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



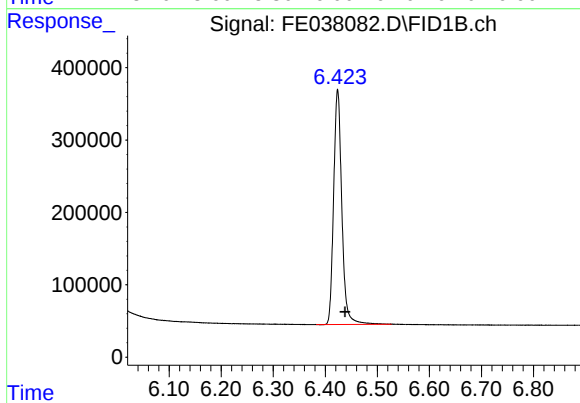
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: -0.015 min
Response: 3437740
Conc: 23.25 ug/ml



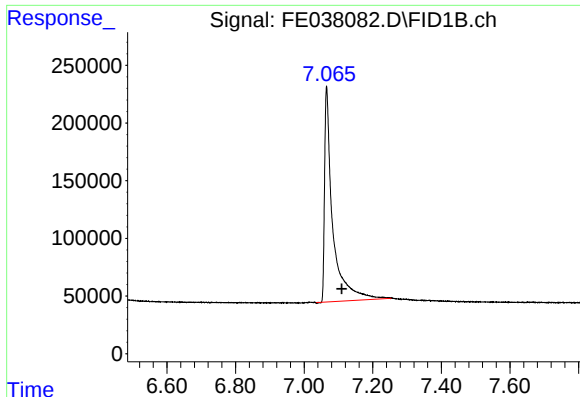
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.039 min
Response: 3233430
Conc: 23.61 ug/ml



#4 n-Dodecane (C12)

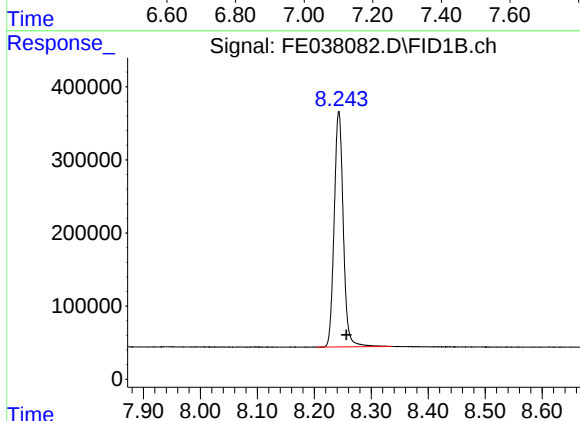
R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 3555326
Conc: 23.33 ug/ml



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

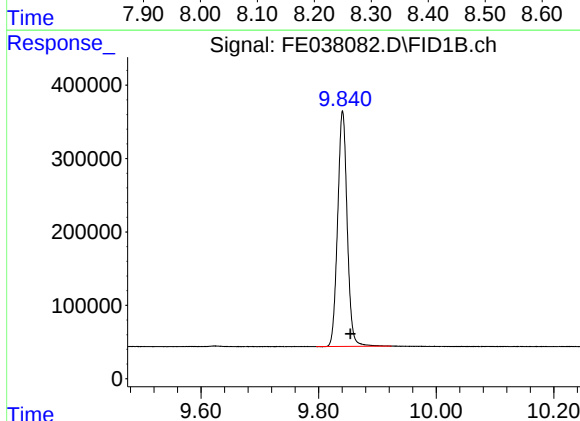
R.T.: 7.066 min
Delta R.T.: -0.044 min
Response: 3090064
Conc: 23.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



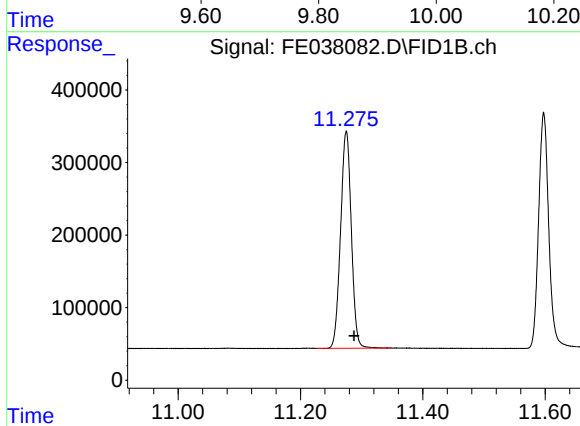
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.013 min
Response: 3574359
Conc: 23.35 ug/ml



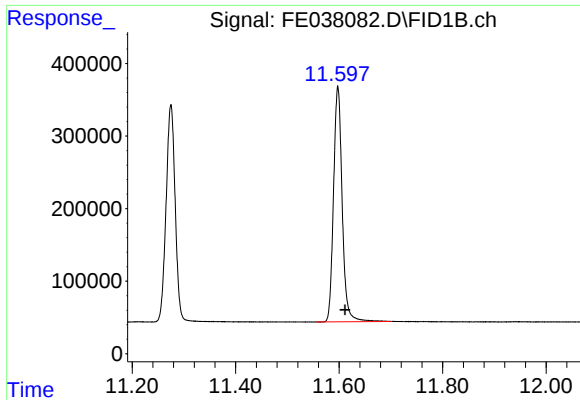
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 3615672
Conc: 23.15 ug/ml



#8 n-Octadecane (C18)

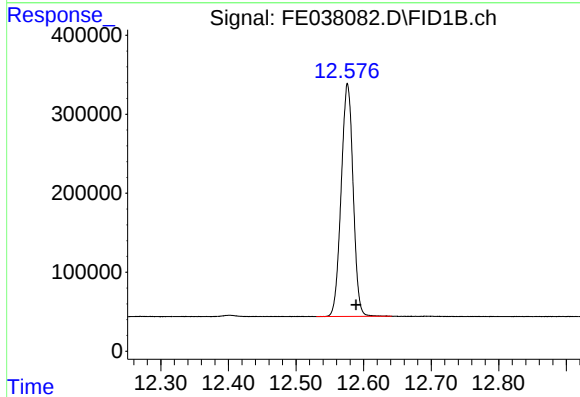
R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 3643467
Conc: 22.71 ug/ml



#9 ortho-Terphenyl (SURR)

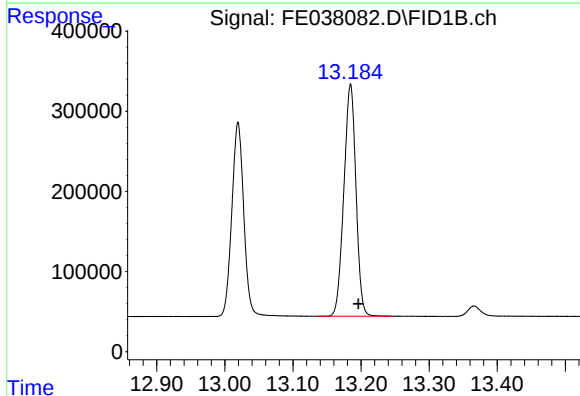
R.T.: 11.598 min
Delta R.T.: -0.014 min
Response: 3769898
Conc: 21.80 ug/ml

Instrument :
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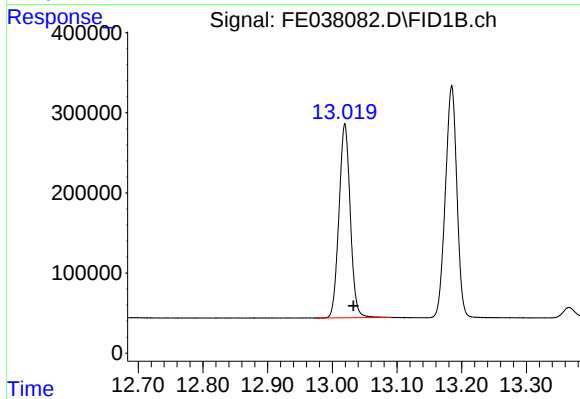
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.012 min
Response: 3617545
Conc: 22.18 ug/ml



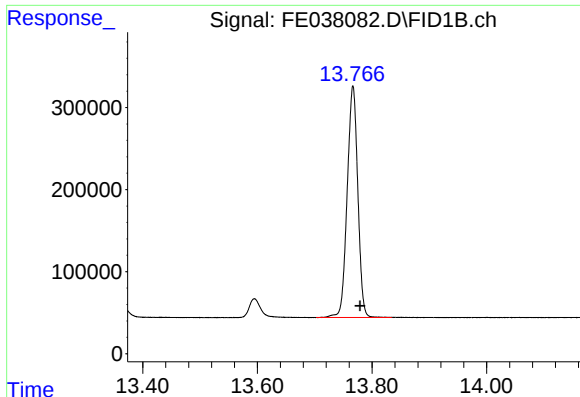
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.012 min
Response: 3576233
Conc: 21.70 ug/ml



#12 1-chlorooctadecane (SURR)

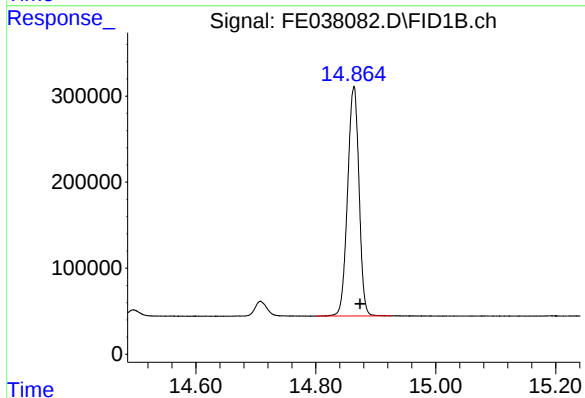
R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 2936011
Conc: 21.72 ug/ml



#13 n-Docosane (C22)

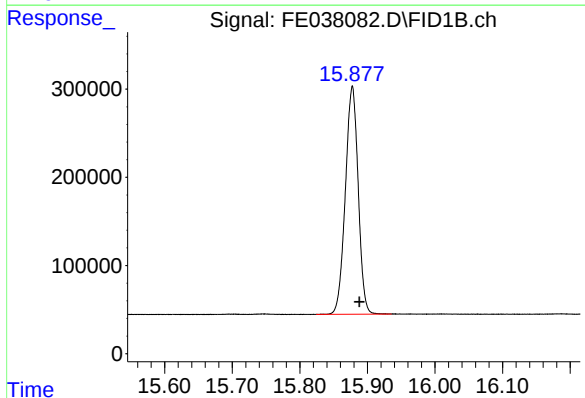
R.T.: 13.767 min
Delta R.T.: -0.013 min
Response: 3623596
Conc: 22.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



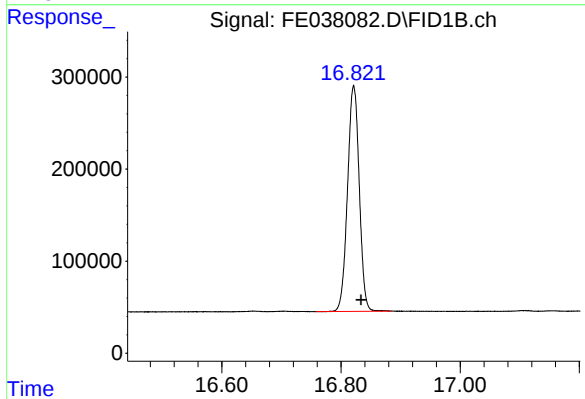
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 3527810
Conc: 21.51 ug/ml



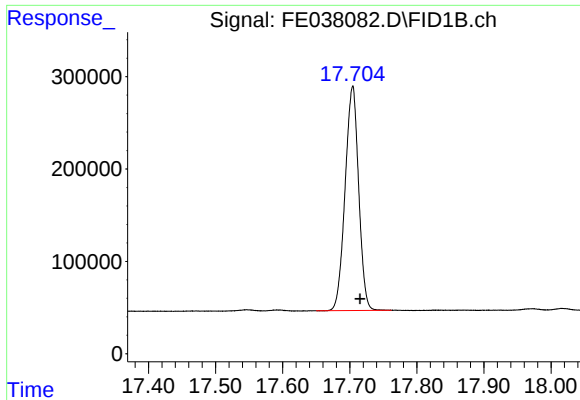
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 3406305
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

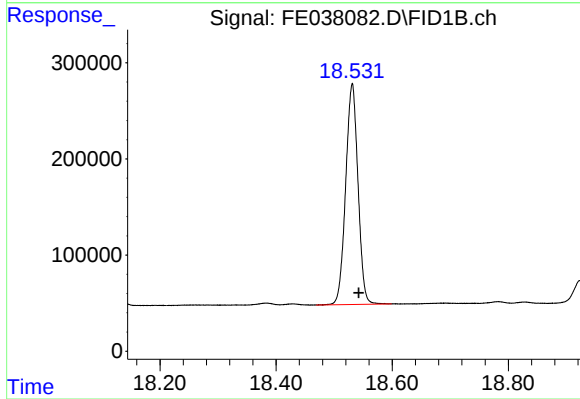
R.T.: 16.821 min
Delta R.T.: -0.012 min
Response: 3350794
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

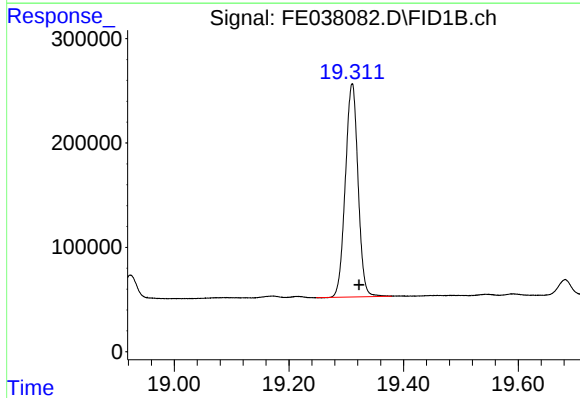
R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 3409328
Conc: 21.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



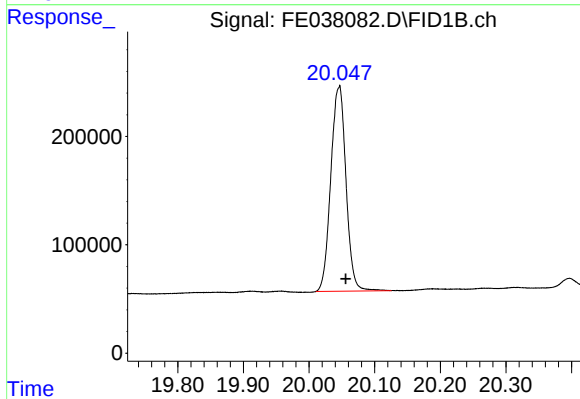
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.011 min
Response: 3374522
Conc: 21.43 ug/ml



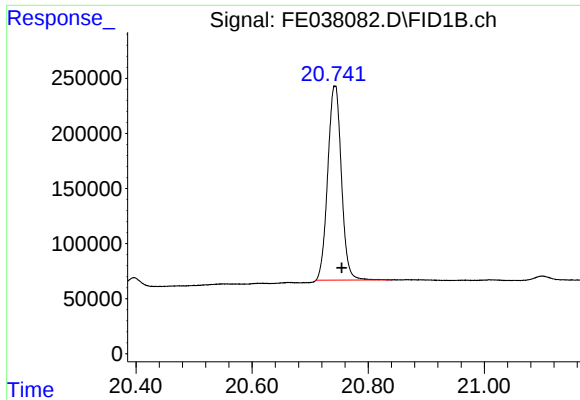
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.012 min
Response: 3141892
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

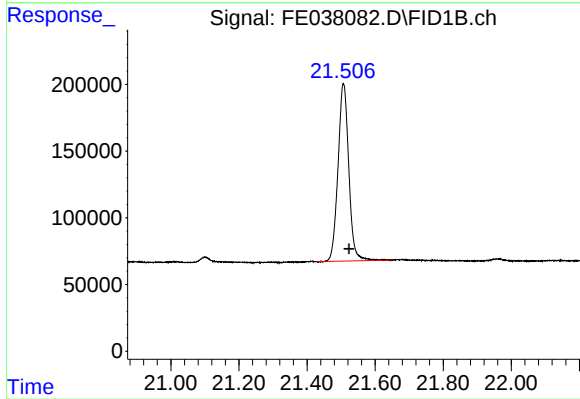
R.T.: 20.046 min
Delta R.T.: -0.010 min
Response: 3042463
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.012 min
Response: 2873949
Conc: 21.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.016 min
Response: 2919881
Conc: 22.94 ug/ml