

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037439.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 12:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 08 03:04:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.644	2908286	17.210 ug/ml
Spiked Amount 50.000		Recovery =	34.42%
12) S 1-chlorooctadecane (S...	13.068	2219523	17.246 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
Target Compounds			
1) T n-Nonane (C9)	3.037	2741832	17.920 ug/ml
2) T n-Decane (C10)	4.295	2839331	18.416 ug/ml
3) T A~Naphthalene (C11.7)	6.009	2788588	19.356 ug/ml
4) T n-Dodecane (C12)	6.466	2891766	18.287 ug/ml
5) T A~2-methylnaphthalene...	7.102	2728273	19.542 ug/ml
6) T n-Tetradecane (C14)	9.886	2848195	17.975 ug/ml
7) T n-Hexadecane (C16)	9.886	2848195	17.975 ug/ml
8) T n-Octadecane (C18)	11.322	2801604	17.593 ug/ml
10) T n-Eicosane (C20)	12.625	2728749	17.246 ug/ml
11) T n-Heneicosane (C21)	13.234	2689864	17.058 ug/ml
13) T n-Docosane (C22)	13.817	2644443	16.988 ug/ml
14) T n-Tetracosane (C24)	14.914	2553000	16.974 ug/ml
15) T n-Hexacosane (C26)	15.929	2487894	17.181 ug/ml
16) T n-Octacosane (C28)	16.875	2458802	17.748 ug/ml
17) T n-Tricontane (C30)	17.758	2614040	19.216 ug/ml
18) T n-Dotriacontane (C32)	18.588	2704413	20.253 ug/ml
19) T n-Tetratriacontane (C34)	19.367	2682609	21.202 ug/ml
20) T n-Hexatriacontane (C36)	20.103	2802980	21.794 ug/ml
21) T n-Octatriacontane (C38)	20.802	3076545	24.719 ug/ml
22) T n-Tetracontane (C40)	21.586	2608857	20.237 ug/ml

(f)=RT Delta > 1/2 Window

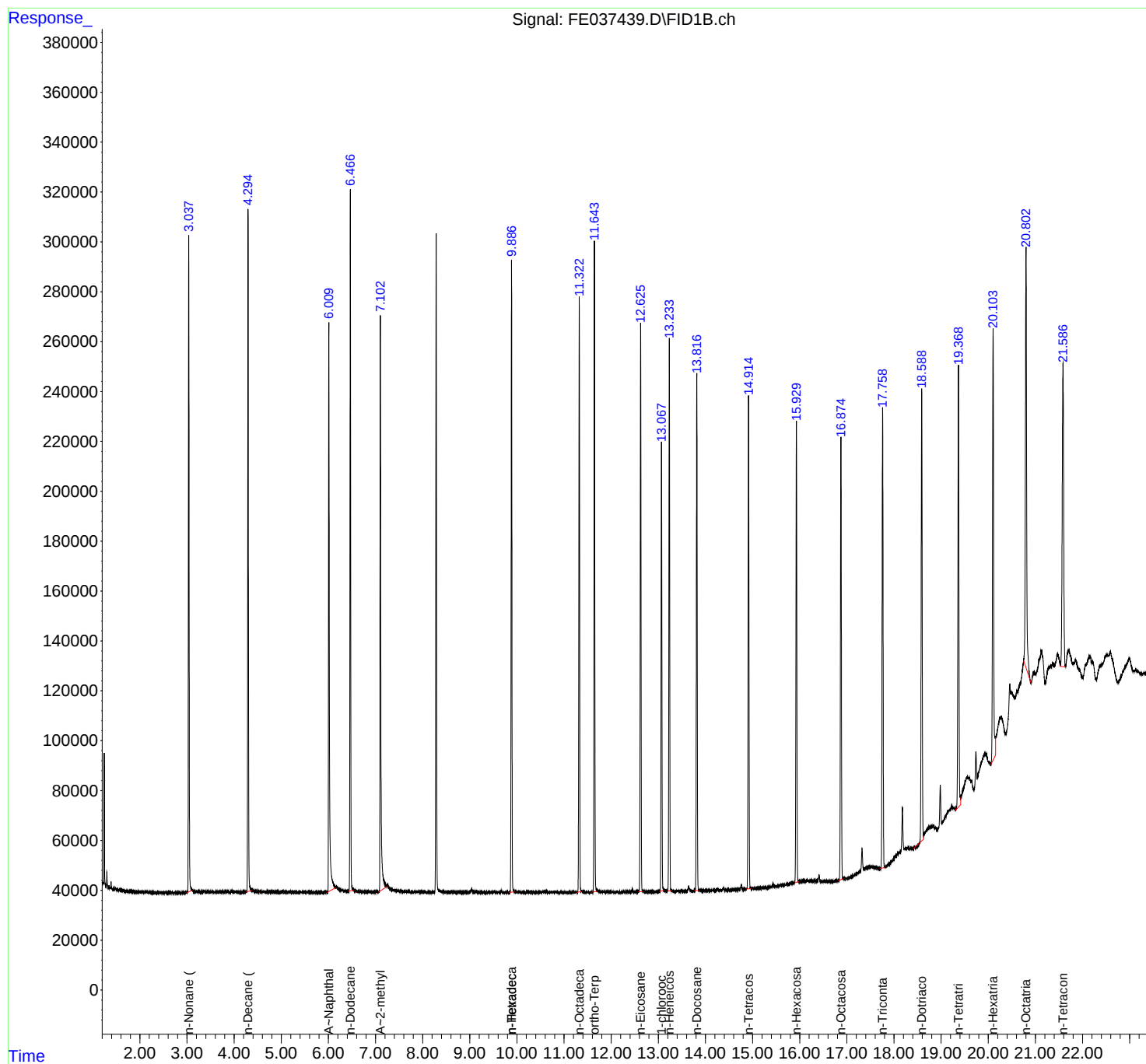
(m)=manual int.

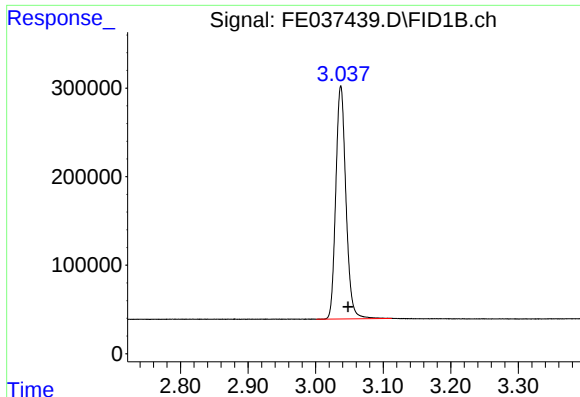
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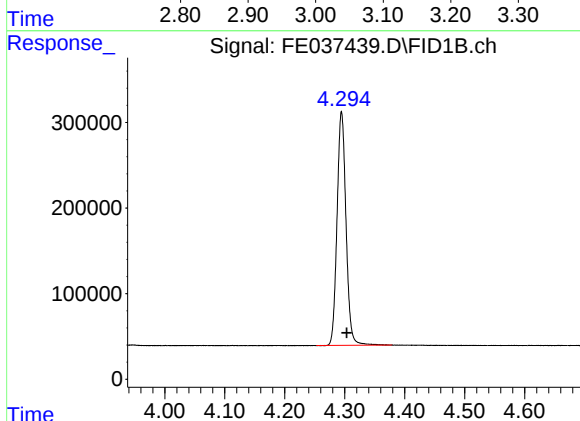




#1 n-Nonane (C9)

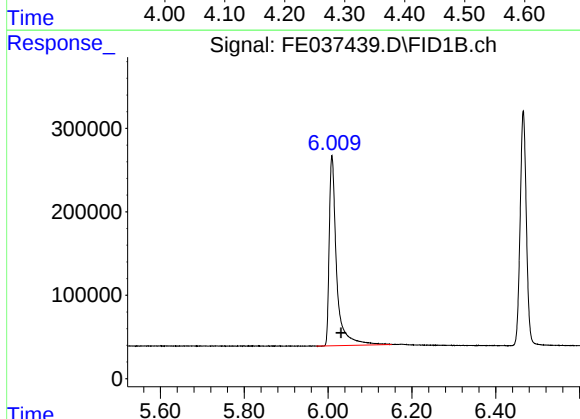
R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 2741832
Conc: 17.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



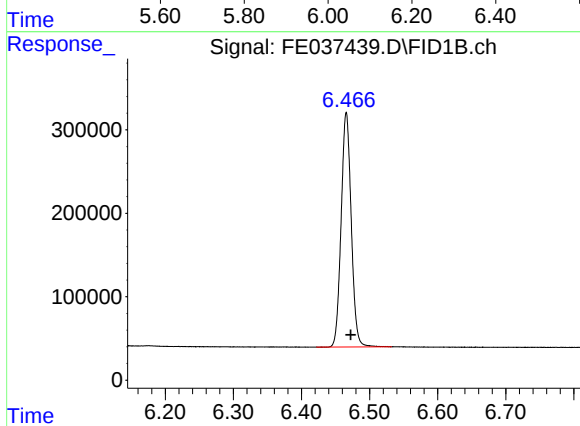
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.009 min
Response: 2839331
Conc: 18.42 ug/ml



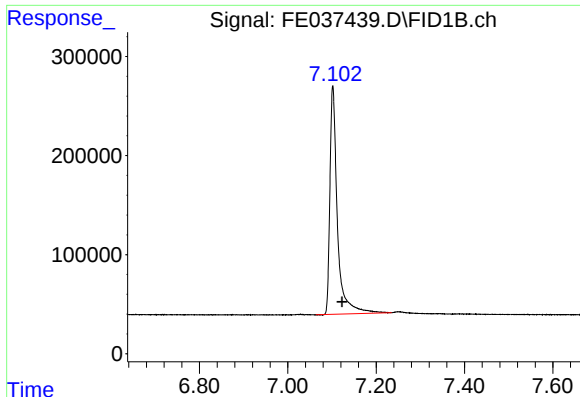
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.021 min
Response: 2788588
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

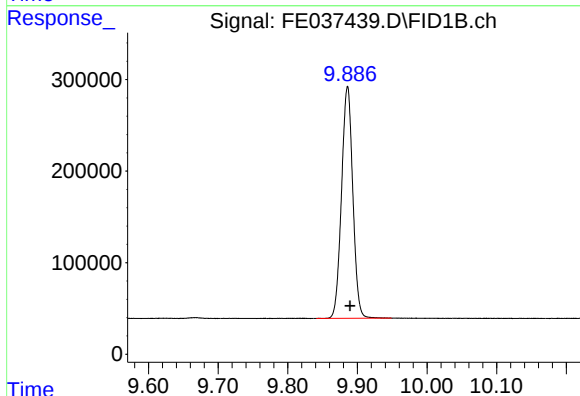
R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 2891766
Conc: 18.29 ug/ml



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

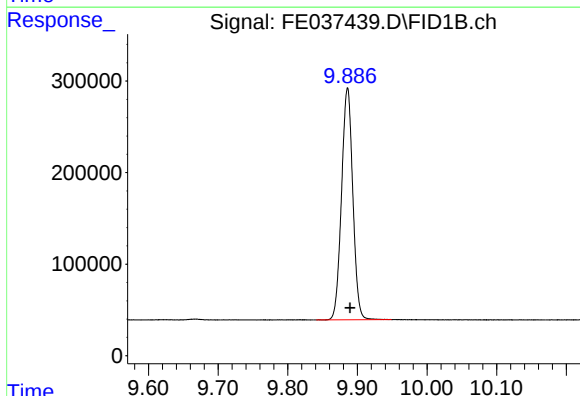
R.T.: 7.102 min
Delta R.T.: -0.021 min
Response: 2728273
Conc: 19.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



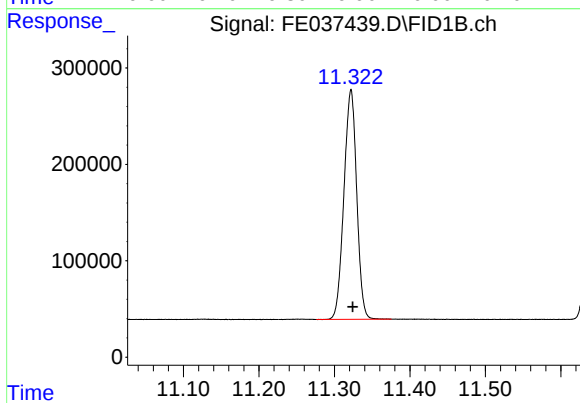
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 2848195
Conc: 17.97 ug/ml



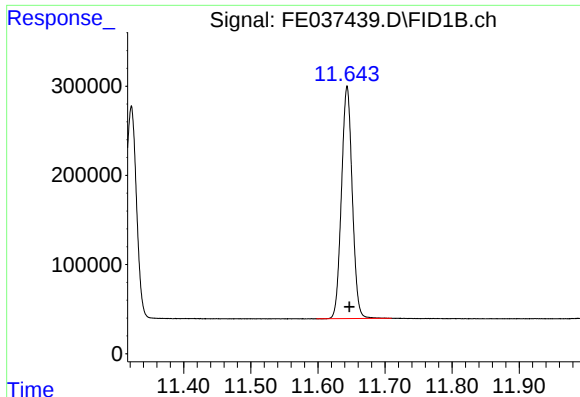
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 2848195
Conc: 17.97 ug/ml



#8 n-Octadecane (C18)

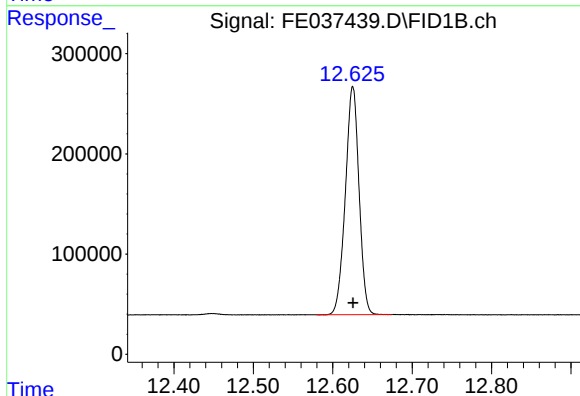
R.T.: 11.322 min
Delta R.T.: -0.002 min
Response: 2801604
Conc: 17.59 ug/ml



#9 ortho-Terphenyl (SURR)

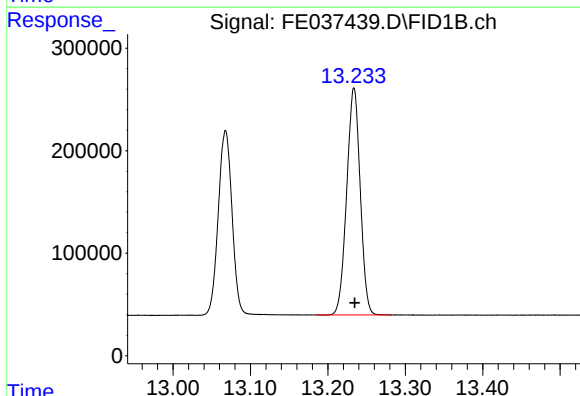
R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 2908286
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



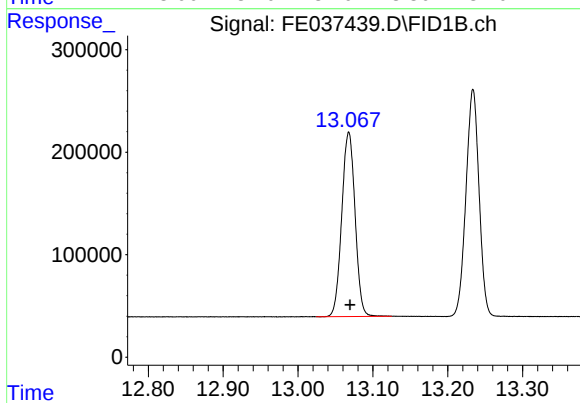
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 2728749
Conc: 17.25 ug/ml



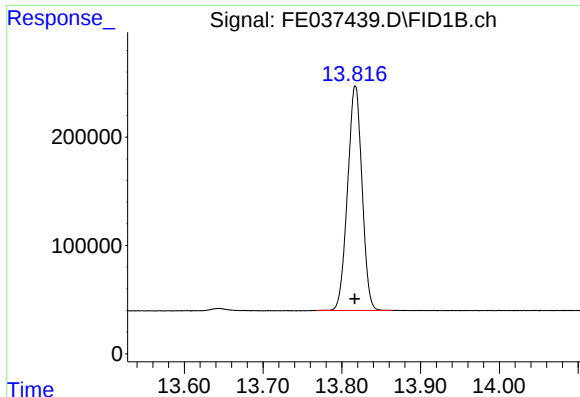
#11 n-Heneicosane (C21)

R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 2689864
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

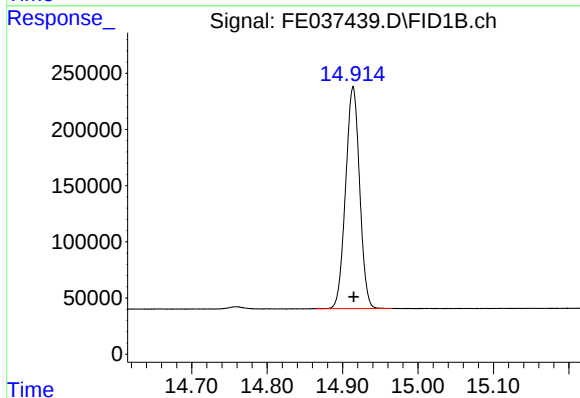
R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 2219523
Conc: 17.25 ug/ml



#13 n-Docosane (C22)

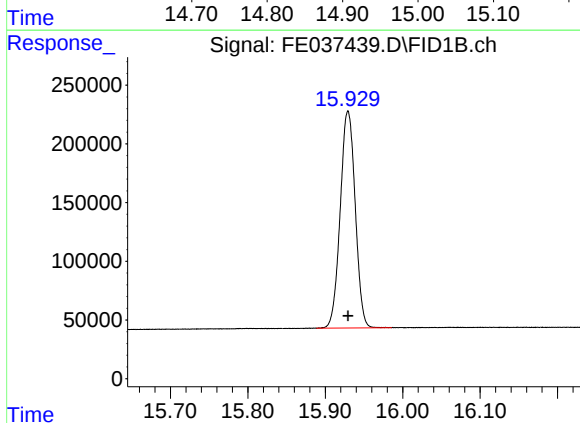
R.T.: 13.817 min
Delta R.T.: 0.000 min
Response: 2644443
Conc: 16.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



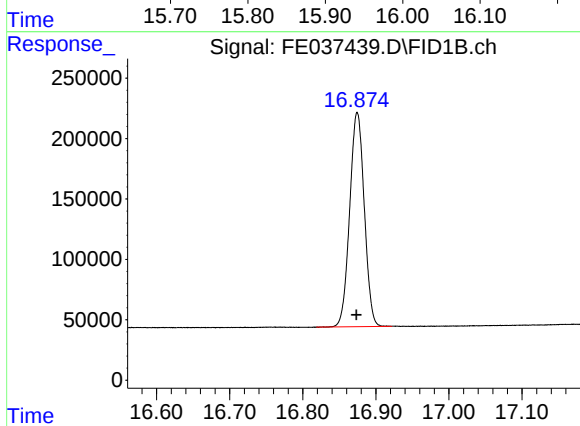
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 2553000
Conc: 16.97 ug/ml



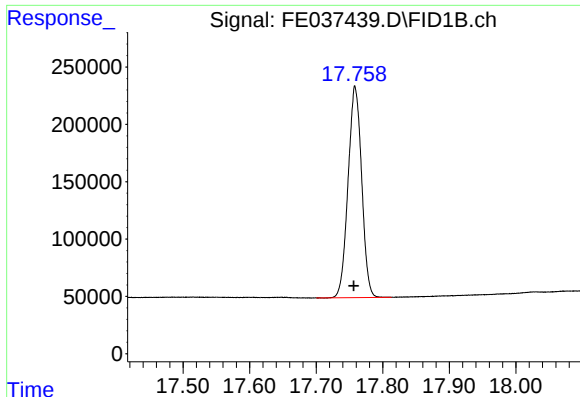
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 2487894
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

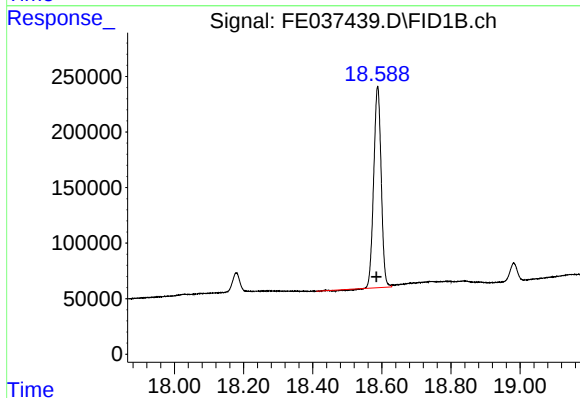
R.T.: 16.875 min
Delta R.T.: 0.001 min
Response: 2458802
Conc: 17.75 ug/ml



#17 n-Tricontane (C30)

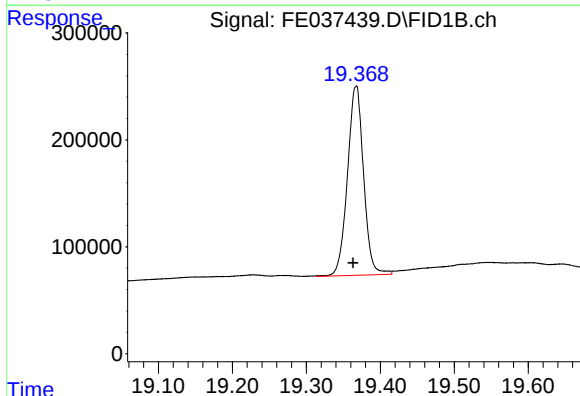
R.T.: 17.758 min
Delta R.T.: 0.002 min
Response: 2614040
Conc: 19.22 ug/ml

Instrument :
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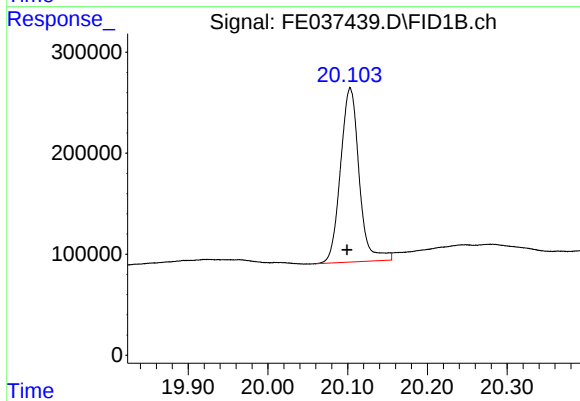
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: 0.004 min
Response: 2704413
Conc: 20.25 ug/ml



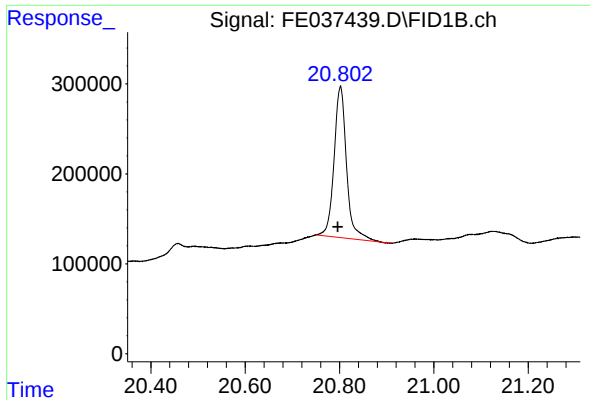
#19 n-Tetratriacontane (C34)

R.T.: 19.367 min
Delta R.T.: 0.004 min
Response: 2682609
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

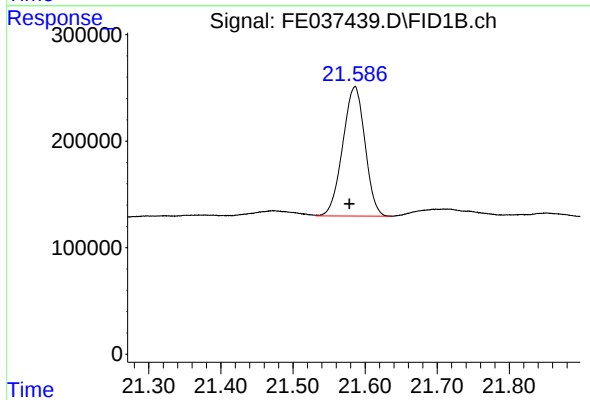
R.T.: 20.103 min
Delta R.T.: 0.004 min
Response: 2802980
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.006 min
Response: 3076545
Conc: 24.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: 0.008 min
Response: 2608857
Conc: 20.24 ug/ml