

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100122AL\
 Data File : FE037884.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2022 01:15
 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: Oct 03 03:21:03 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)	11.606	3631732	20.997 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	13.026	2875243	21.273 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
Target Compounds			
1) T n-Nonane (C9)	3.006	3110212	21.118 ug/ml
2) T n-Decane (C10)	4.262	3146029	21.279 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3015705	22.022 ug/ml
4) T n-Dodecane (C12)	6.433	3249713	21.326 ug/ml
5) T A~2-methylnaphthalene...	7.078	2741964	20.631 ug/ml
6) T n-Tetradecane (C14)	8.252	3258002	21.287 ug/ml
7) T n-Hexadecane (C16)	9.850	3331215	21.327 ug/ml
8) T n-Octadecane (C18)	11.282	3397941	21.184 ug/ml
10) T n-Eicosane (C20)	12.584	3449404	21.153 ug/ml
11) T n-Heneicosane (C21)	13.192	3461727	21.010 ug/ml
13) T n-Docosane (C22)	13.774	3512343	21.337 ug/ml
14) T n-Tetracosane (C24)	14.871	3518310	21.452 ug/ml
15) T n-Hexacosane (C26)	15.886	3469548	21.277 ug/ml
16) T n-Octacosane (C28)	16.828	3417934	21.335 ug/ml
17) T n-Tricontane (C30)	17.710	3391014	21.190 ug/ml
18) T n-Dotriacontane (C32)	18.538	3281601	20.839 ug/ml
19) T n-Tetratriacontane (C34)	19.317	3004531	20.279 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2846393	19.744 ug/ml
21) T n-Octatriacontane (C38)	20.749	2659762	19.600 ug/ml
22) T n-Tetracontane (C40)	21.516	2522178	19.814 ug/ml

(f)=RT Delta > 1/2 Window

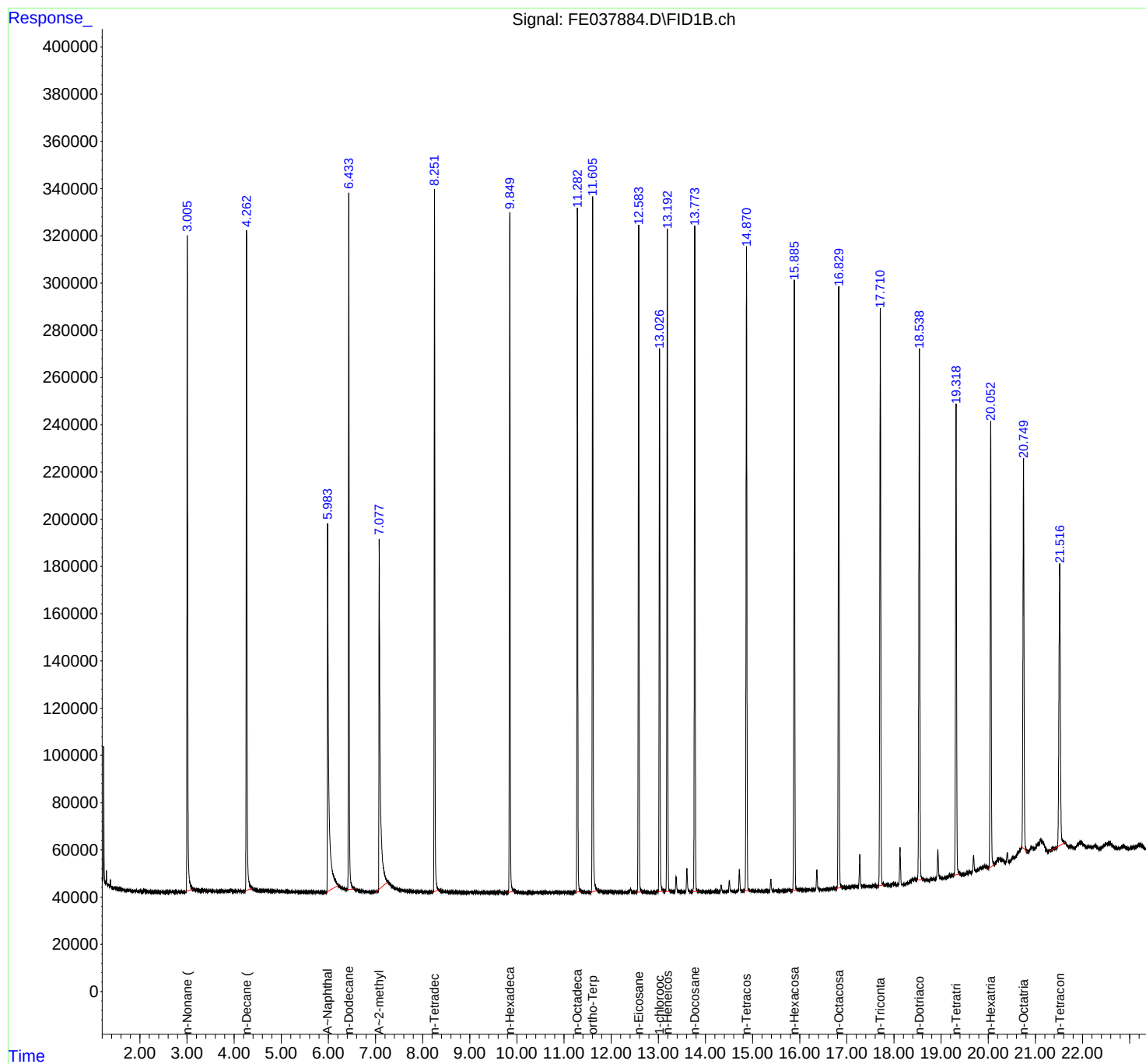
(m)=manual int.

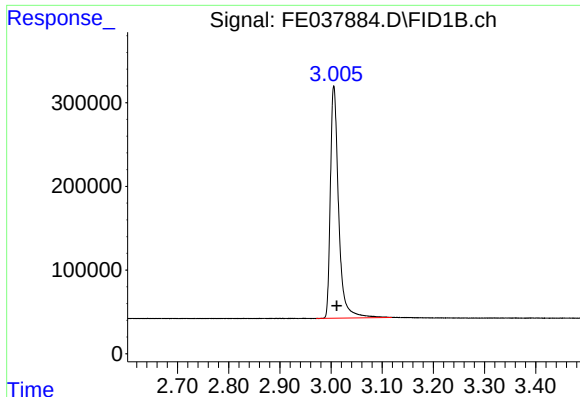
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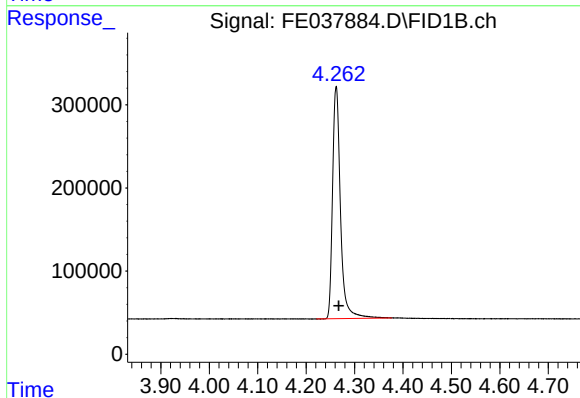




#1 n-Nonane (C9)

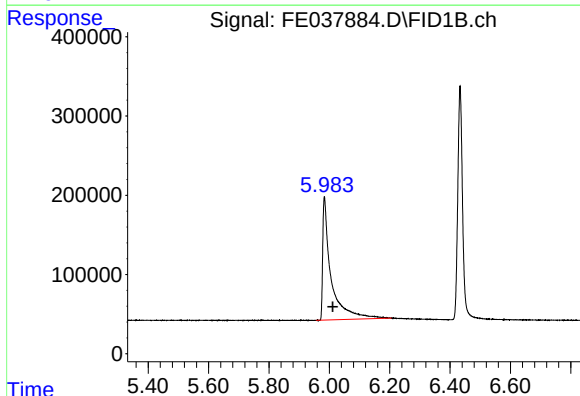
R.T.: 3.006 min
Delta R.T.: -0.005 min
Response: 3110212
Conc: 21.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



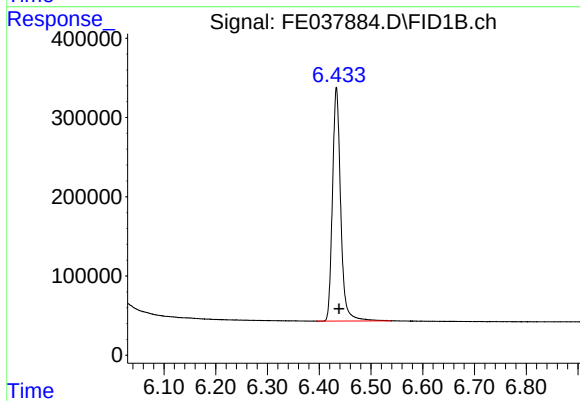
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: -0.005 min
Response: 3146029
Conc: 21.28 ug/ml



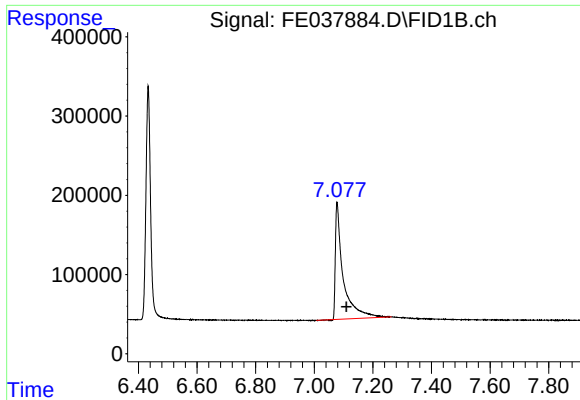
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.027 min
Response: 3015705
Conc: 22.02 ug/ml



#4 n-Dodecane (C12)

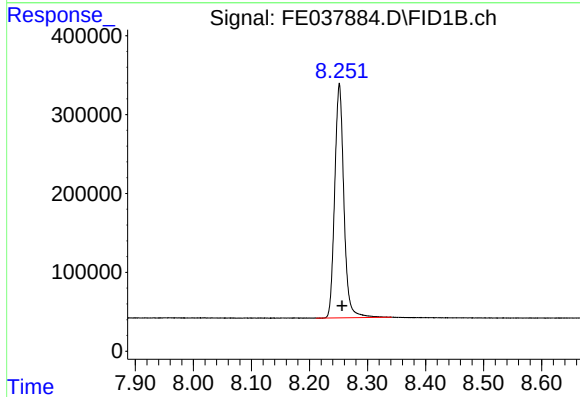
R.T.: 6.433 min
Delta R.T.: -0.005 min
Response: 3249713
Conc: 21.33 ug/ml



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

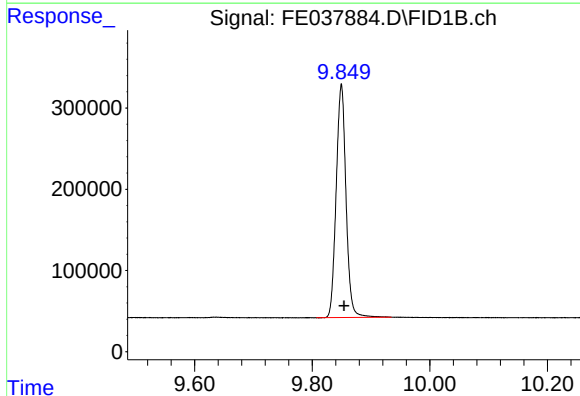
R.T.: 7.078 min
Delta R.T.: -0.032 min
Response: 2741964
Conc: 20.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



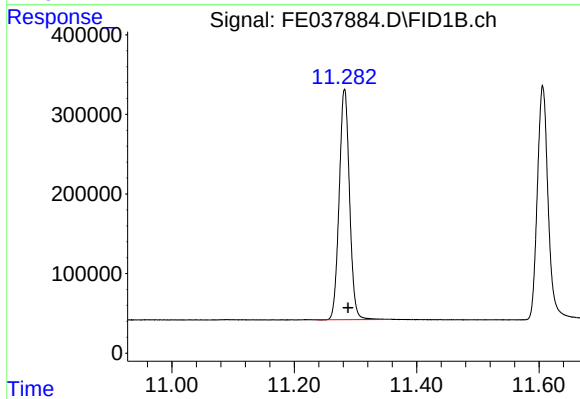
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 3258002
Conc: 21.29 ug/ml



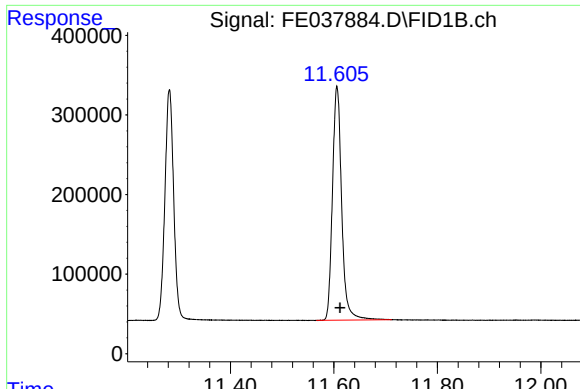
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.004 min
Response: 3331215
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

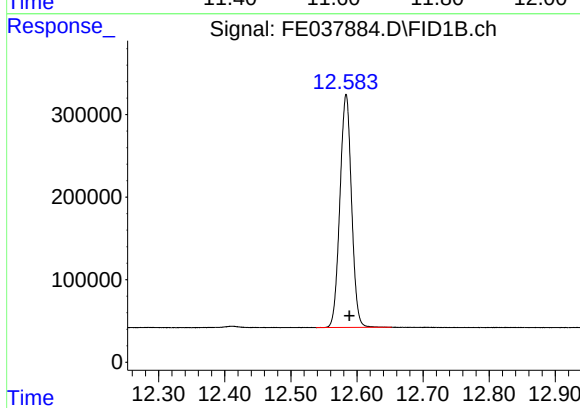
R.T.: 11.282 min
Delta R.T.: -0.006 min
Response: 3397941
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

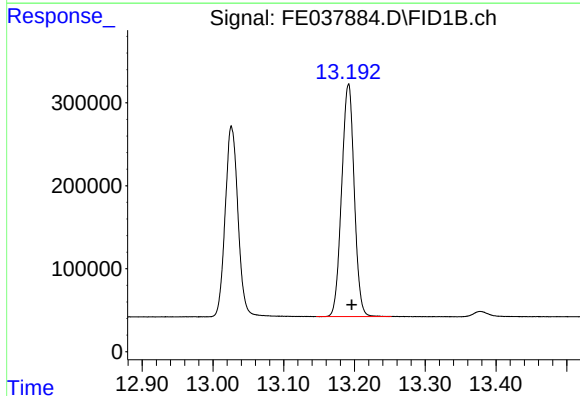
R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 3631732
Conc: 21.00 ug/ml

Instrument :
FID_E
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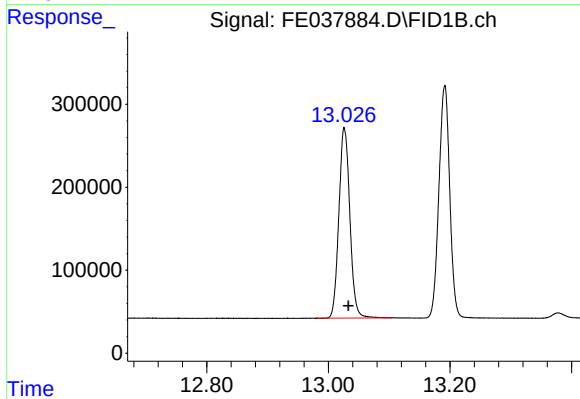
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: -0.005 min
Response: 3449404
Conc: 21.15 ug/ml



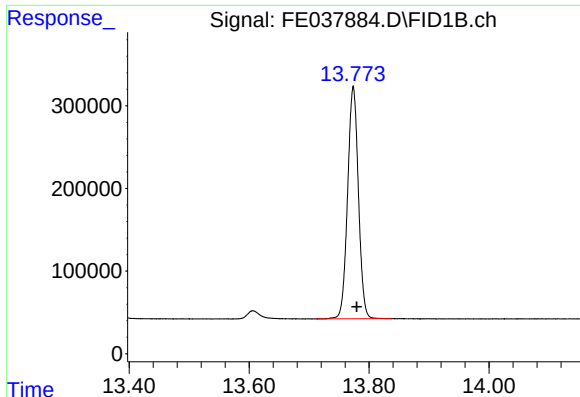
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.005 min
Response: 3461727
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

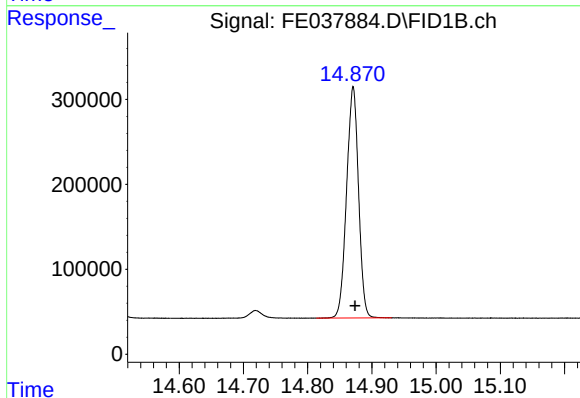
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 2875243
Conc: 21.27 ug/ml



#13 n-Docosane (C22)

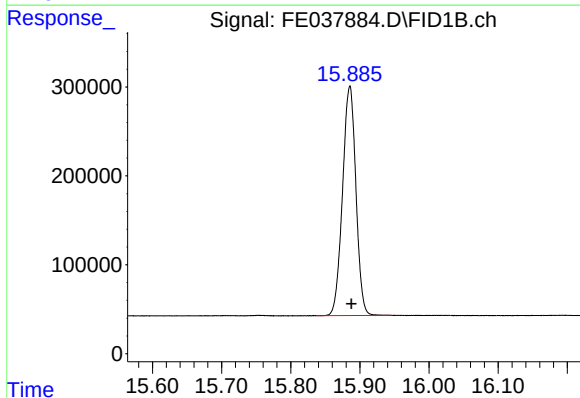
R.T.: 13.774 min
Delta R.T.: -0.006 min
Response: 3512343
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



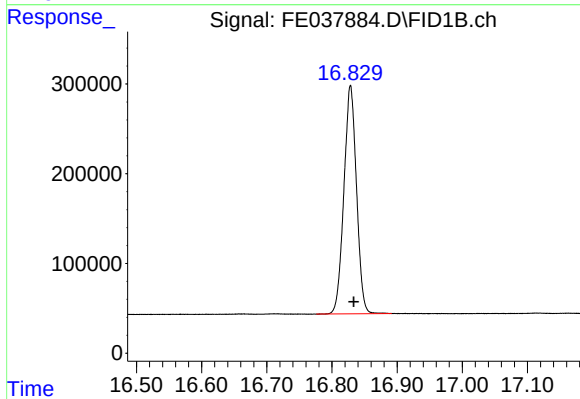
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 3518310
Conc: 21.45 ug/ml



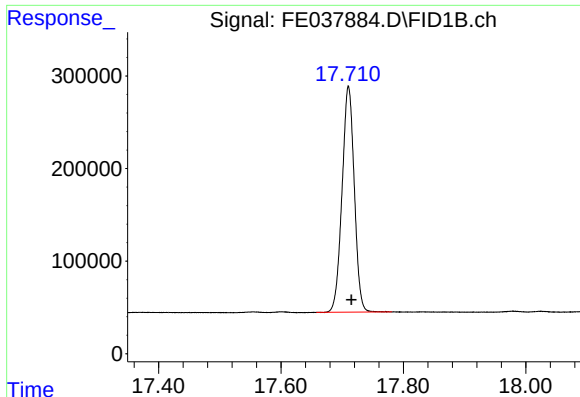
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.002 min
Response: 3469548
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

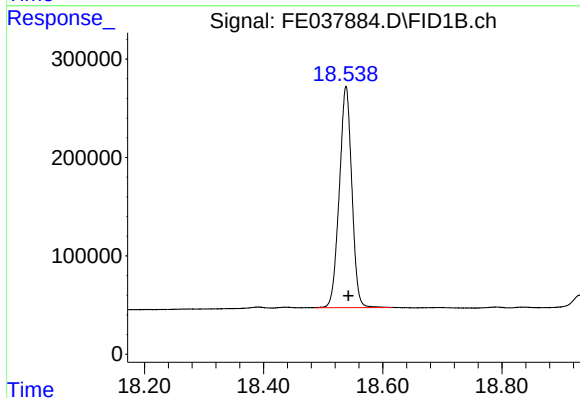
R.T.: 16.828 min
Delta R.T.: -0.005 min
Response: 3417934
Conc: 21.34 ug/ml



#17 n-Tricontane (C30)

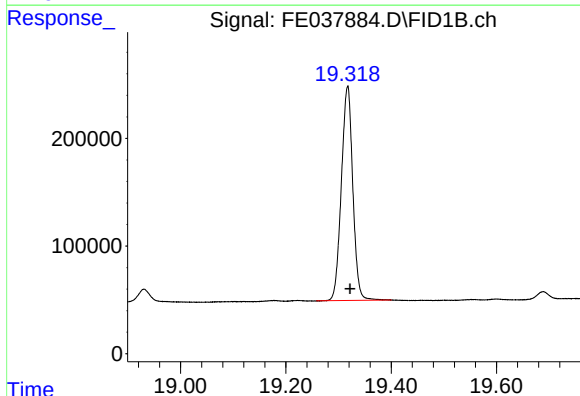
R.T.: 17.710 min
Delta R.T.: -0.005 min
Response: 3391014
Conc: 21.19 ug/ml

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ClientSampleId :
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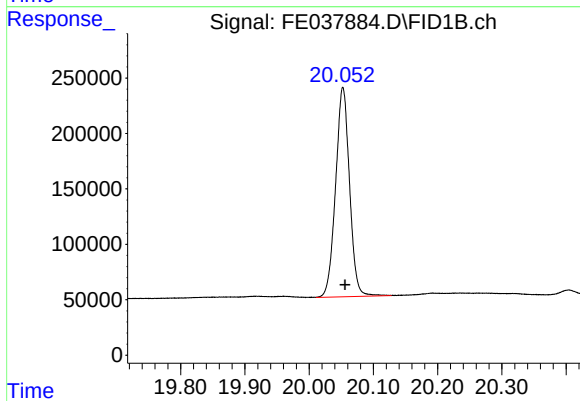
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 3281601
Conc: 20.84 ug/ml



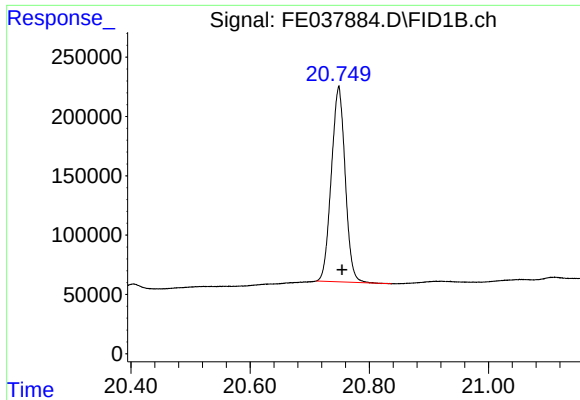
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 3004531
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

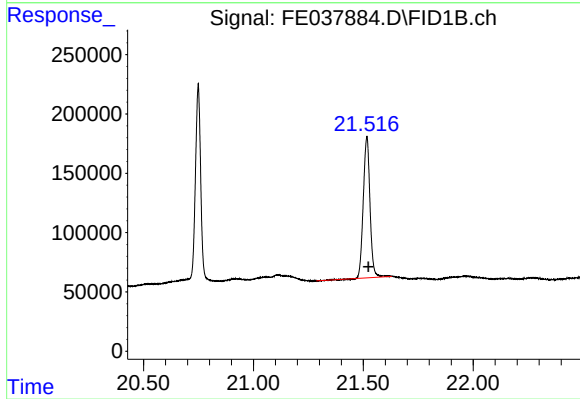
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2846393
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.006 min
Response: 2659762
Conc: 19.60 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 2522178
Conc: 19.81 ug/ml