

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100722AL\
 Data File : FE038026.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2022 04:38
 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 08 21:19:39 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)	11.599	3804865	21.998 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
12) S 1-chlorooctadecane (S...	13.021	2954206	21.857 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
Target Compounds			
1) T n-Nonane (C9)	2.998	3428751	23.280 ug/ml
2) T n-Decane (C10)	4.255	3467239	23.451 ug/ml
3) T A~Naphthalene (C11.7)	5.975	3325655	24.285 ug/ml
4) T n-Dodecane (C12)	6.426	3597155	23.606 ug/ml
5) T A~2-methylnaphthalene...	7.069	3137957	23.610 ug/ml
6) T n-Tetradecane (C14)	8.245	3600742	23.526 ug/ml
7) T n-Hexadecane (C16)	9.842	3629819	23.239 ug/ml
8) T n-Octadecane (C18)	11.277	3646937	22.737 ug/ml
10) T n-Eicosane (C20)	12.578	3617327	22.183 ug/ml
11) T n-Heneicosane (C21)	13.187	3596344	21.827 ug/ml
13) T n-Docosane (C22)	13.769	3550686	21.570 ug/ml
14) T n-Tetracosane (C24)	14.865	3409525	20.789 ug/ml
15) T n-Hexacosane (C26)	15.880	3259406	19.989 ug/ml
16) T n-Octacosane (C28)	16.824	3103363	19.372 ug/ml
17) T n-Tricontane (C30)	17.707	3083070	19.266 ug/ml
18) T n-Dotriacontane (C32)	18.535	3036193	19.281 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2894858	19.539 ug/ml
20) T n-Hexatriacontane (C36)	20.050	2899548	20.112 ug/ml
21) T n-Octatriacontane (C38)	20.744	2818025	20.767 ug/ml
22) T n-Tetracontane (C40)	21.511	2873414	22.573 ug/ml

(f)=RT Delta > 1/2 Window

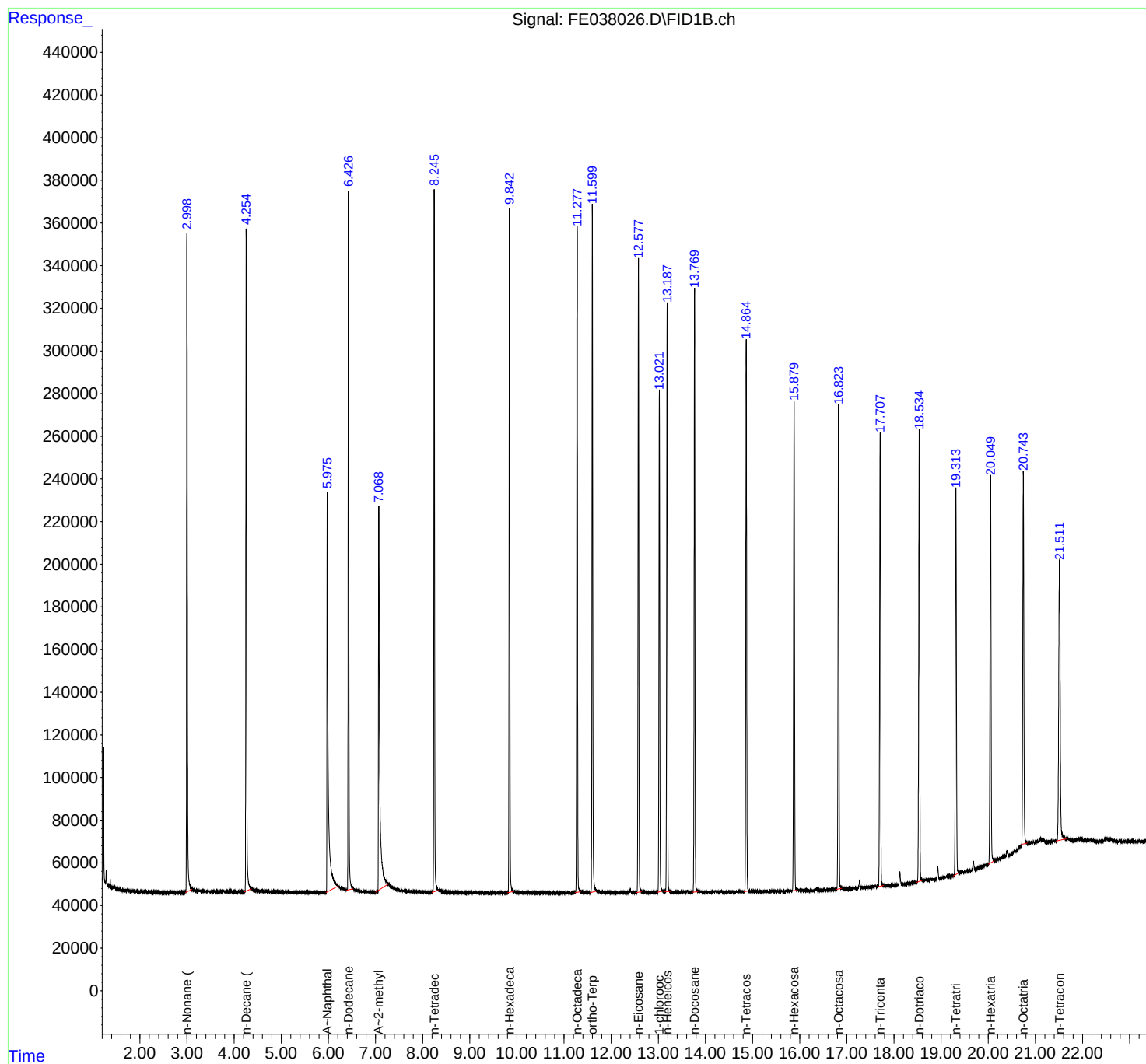
(m)=manual int.

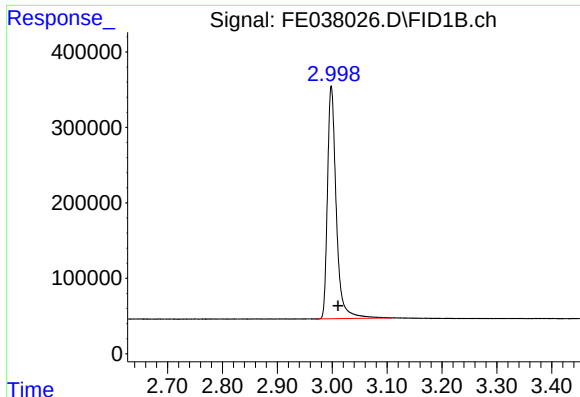
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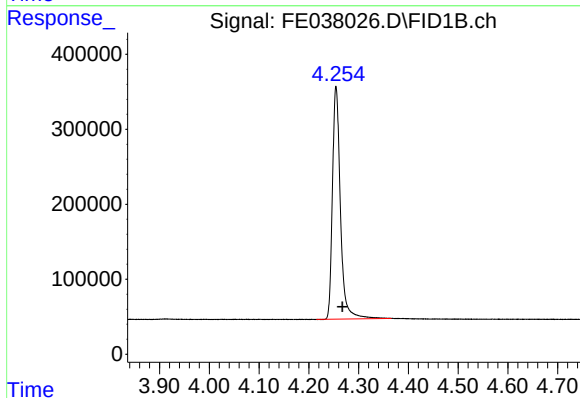




#1 n-Nonane (C9)

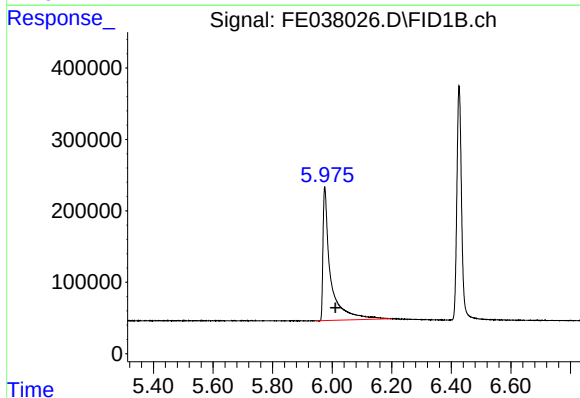
R.T.: 2.998 min
Delta R.T.: -0.013 min
Response: 3428751
Conc: 23.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



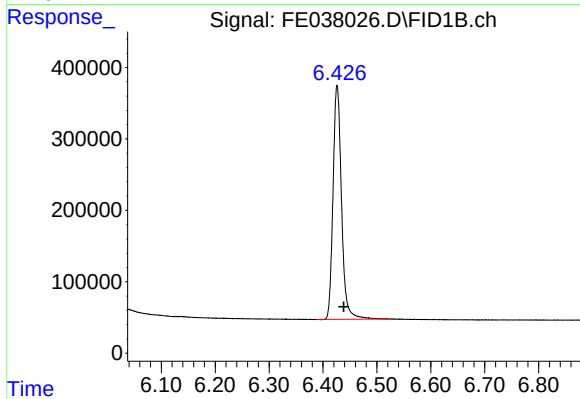
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: -0.013 min
Response: 3467239
Conc: 23.45 ug/ml



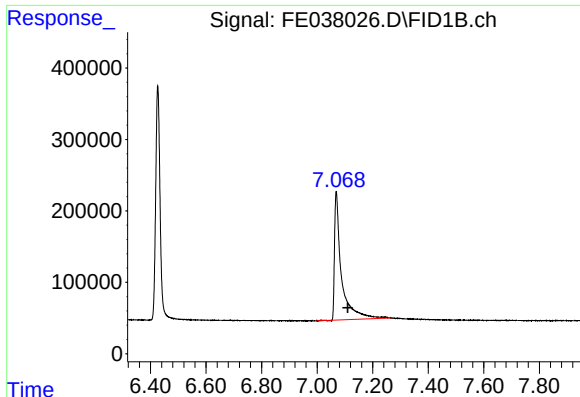
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.036 min
Response: 3325655
Conc: 24.29 ug/ml



#4 n-Dodecane (C12)

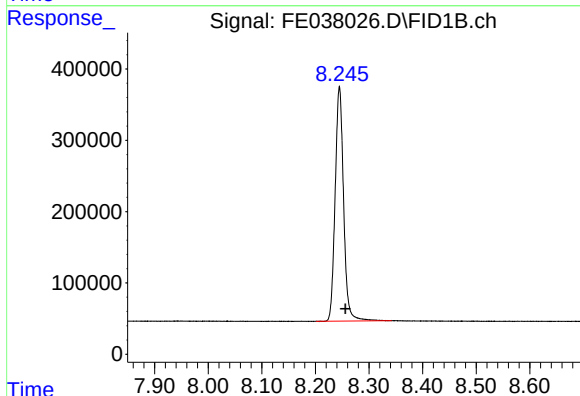
R.T.: 6.426 min
Delta R.T.: -0.012 min
Response: 3597155
Conc: 23.61 ug/ml



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

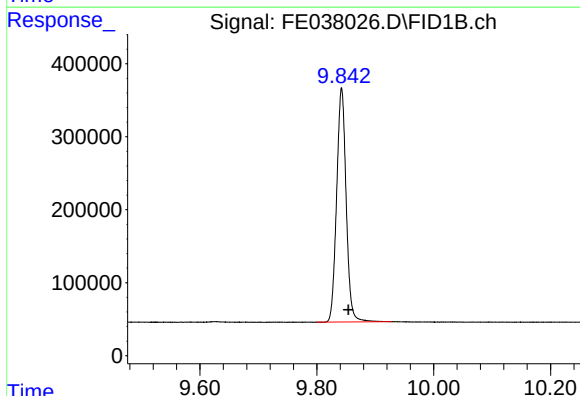
R.T.: 7.069 min
Delta R.T.: -0.041 min
Response: 3137957
Conc: 23.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



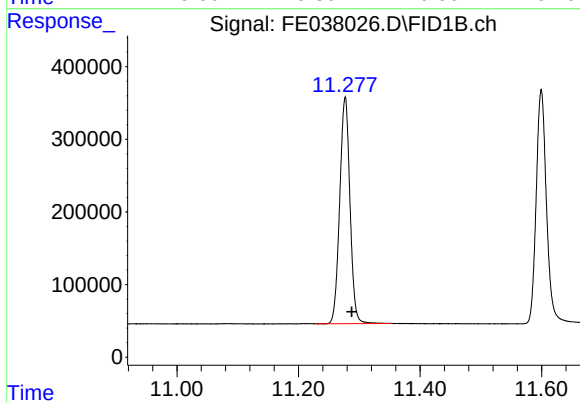
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 3600742
Conc: 23.53 ug/ml



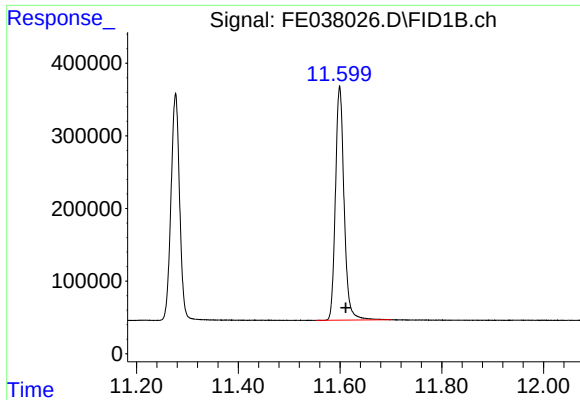
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.012 min
Response: 3629819
Conc: 23.24 ug/ml



#8 n-Octadecane (C18)

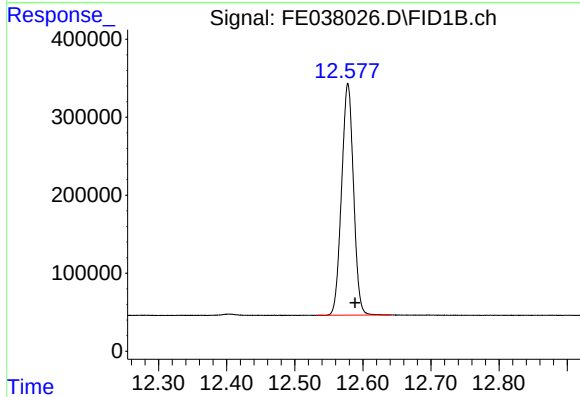
R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 3646937
Conc: 22.74 ug/ml



#9 ortho-Terphenyl (SURR)

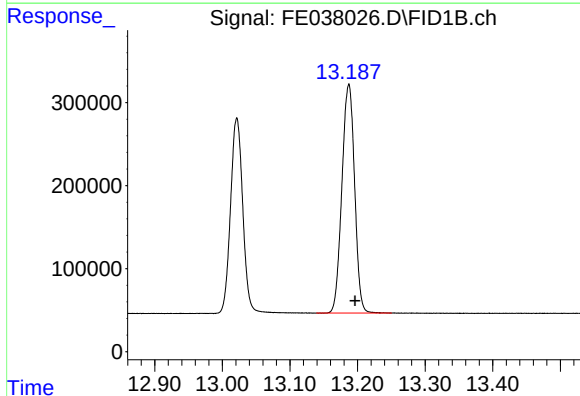
R.T.: 11.599 min
Delta R.T.: -0.012 min
Response: 3804865
Conc: 22.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



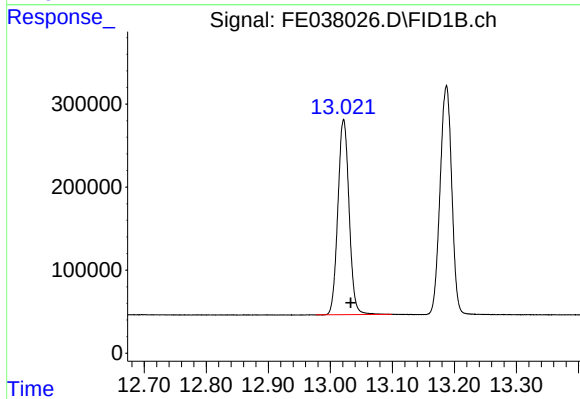
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.011 min
Response: 3617327
Conc: 22.18 ug/ml



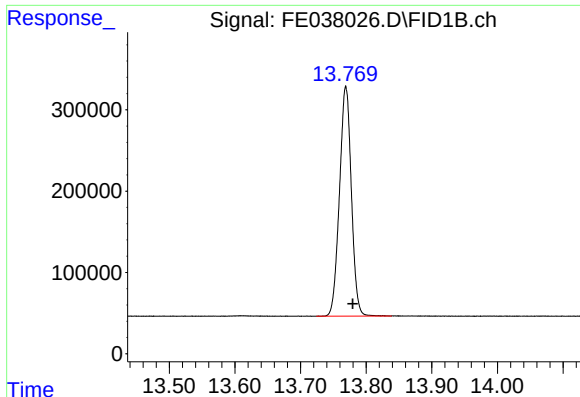
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.009 min
Response: 3596344
Conc: 21.83 ug/ml



#12 1-chlorooctadecane (SURR)

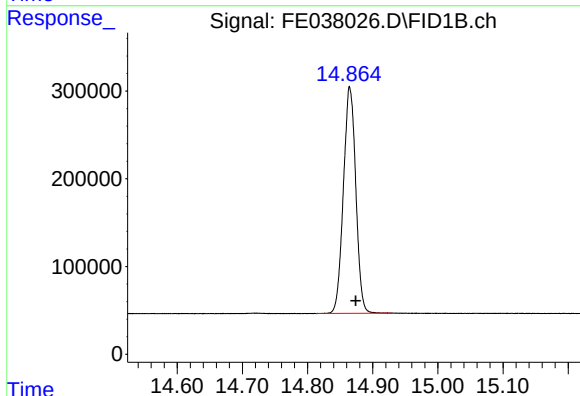
R.T.: 13.021 min
Delta R.T.: -0.011 min
Response: 2954206
Conc: 21.86 ug/ml



#13 n-Docosane (C22)

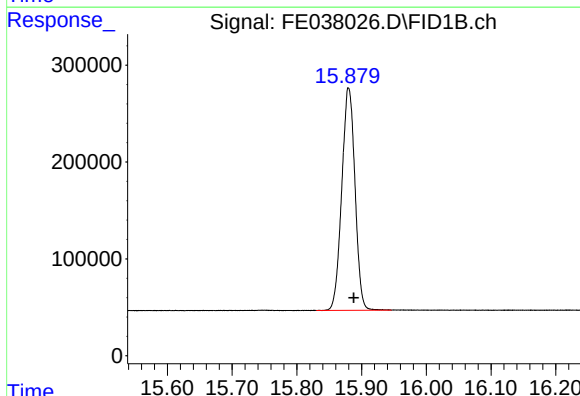
R.T.: 13.769 min
Delta R.T.: -0.010 min
Response: 3550686
Conc: 21.57 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



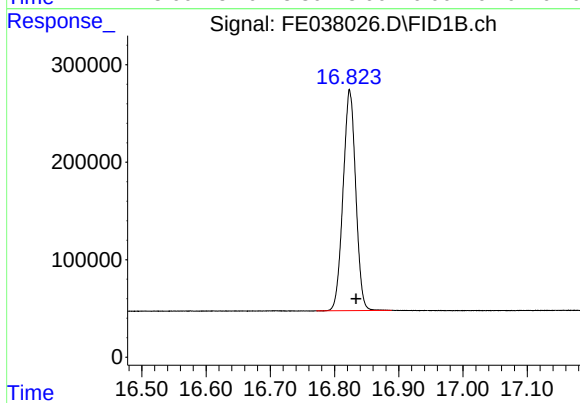
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.009 min
Response: 3409525
Conc: 20.79 ug/ml



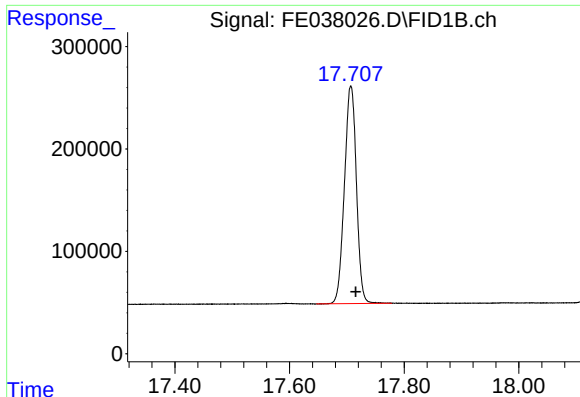
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.008 min
Response: 3259406
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

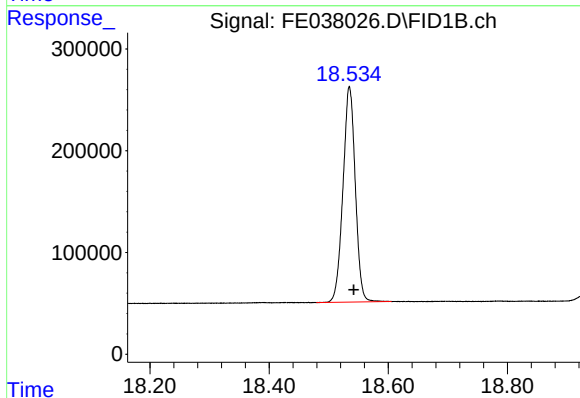
R.T.: 16.824 min
Delta R.T.: -0.010 min
Response: 3103363
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

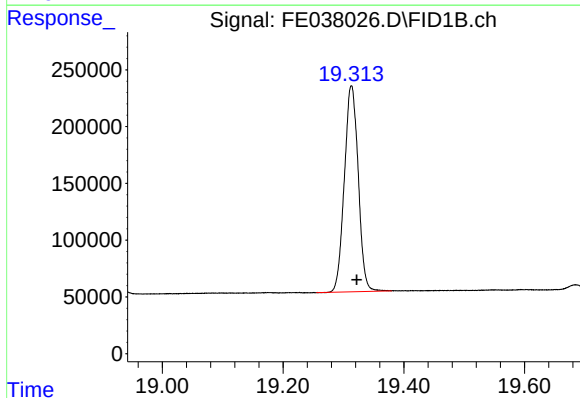
R.T.: 17.707 min
Delta R.T.: -0.008 min
Response: 3083070
Conc: 19.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



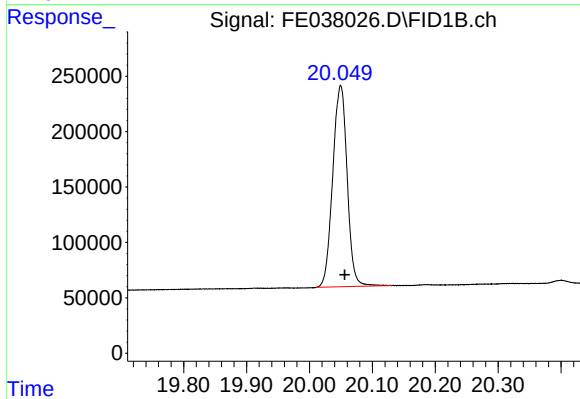
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.008 min
Response: 3036193
Conc: 19.28 ug/ml



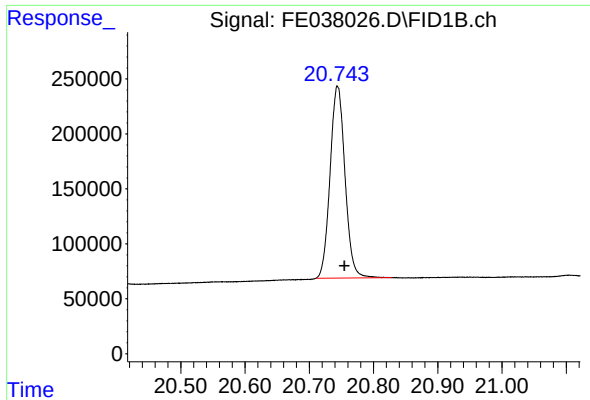
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.009 min
Response: 2894858
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

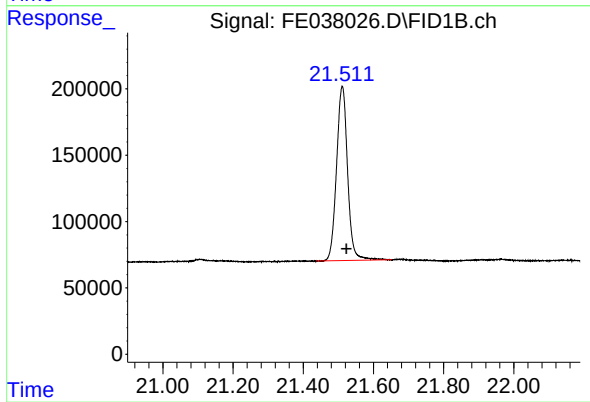
R.T.: 20.050 min
Delta R.T.: -0.006 min
Response: 2899548
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: -0.010 min
Response: 2818025
Conc: 20.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.012 min
Response: 2873414
Conc: 22.57 ug/ml