

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100322AL\
 Data File : FE037908.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2022 22:25
 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 04 04:40:58 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)	11.605	3789113	21.907 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
12) S 1-chlorooctadecane (S...	13.026	2956579	21.874 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
Target Compounds			
1) T n-Nonane (C9)	3.005	3293210	22.360 ug/ml
2) T n-Decane (C10)	4.261	3367477	22.777 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3188531	23.284 ug/ml
4) T n-Dodecane (C12)	6.431	3463071	22.726 ug/ml
5) T A~2-methylnaphthalene...	7.073	3001722	22.585 ug/ml
6) T n-Tetradecane (C14)	8.250	3493548	22.826 ug/ml
7) T n-Hexadecane (C16)	9.848	3550756	22.732 ug/ml
8) T n-Octadecane (C18)	11.282	3587143	22.364 ug/ml
10) T n-Eicosane (C20)	12.584	3590680	22.019 ug/ml
11) T n-Heneicosane (C21)	13.191	3581983	21.740 ug/ml
13) T n-Docosane (C22)	13.773	3608729	21.923 ug/ml
14) T n-Tetracosane (C24)	14.870	3558746	21.699 ug/ml
15) T n-Hexacosane (C26)	15.884	3463864	21.243 ug/ml
16) T n-Octacosane (C28)	16.829	3395491	21.195 ug/ml
17) T n-Tricontane (C30)	17.710	3375855	21.096 ug/ml
18) T n-Dotriacontane (C32)	18.538	3279352	20.825 ug/ml
19) T n-Tetratriacontane (C34)	19.316	3007189	20.297 ug/ml
20) T n-Hexatriacontane (C36)	20.051	2882177	19.992 ug/ml
21) T n-Octatriacontane (C38)	20.748	2709204	19.965 ug/ml
22) T n-Tetracontane (C40)	21.515	2662122	20.913 ug/ml

(f)=RT Delta > 1/2 Window

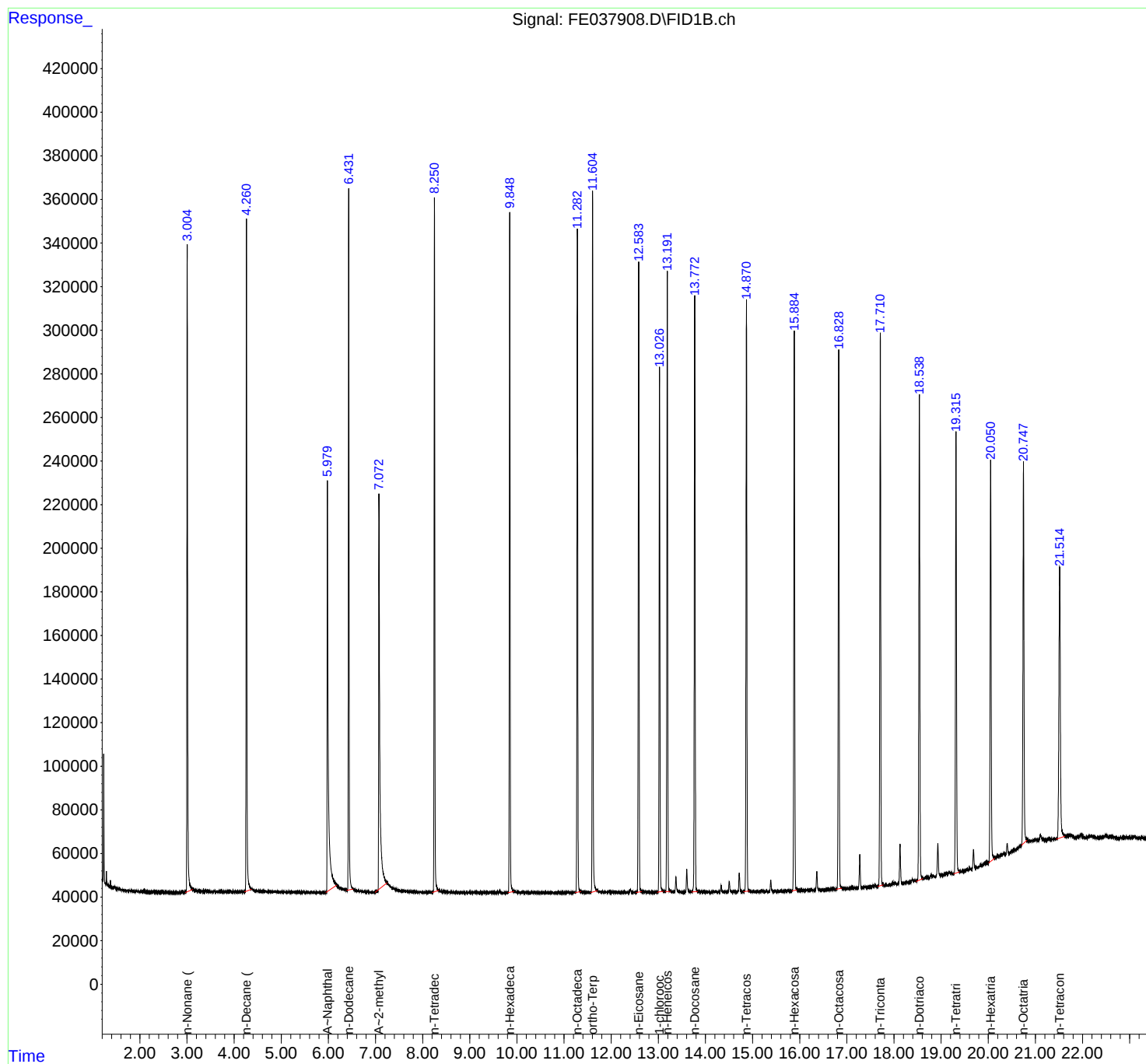
(m)=manual int.

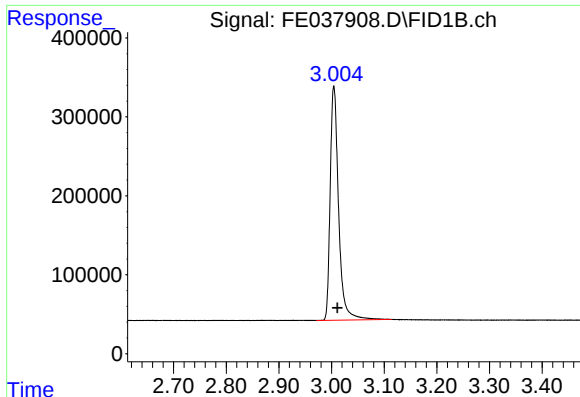
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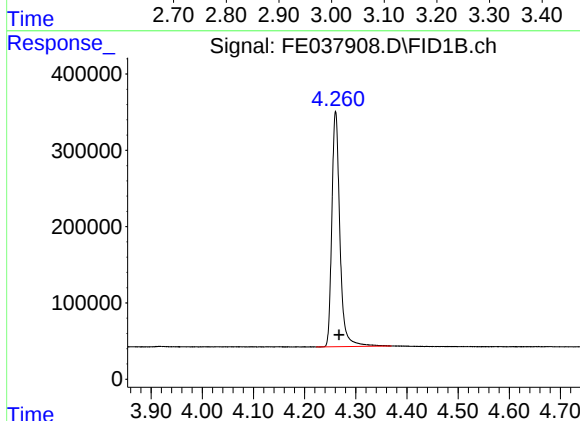




#1 n-Nonane (C9)

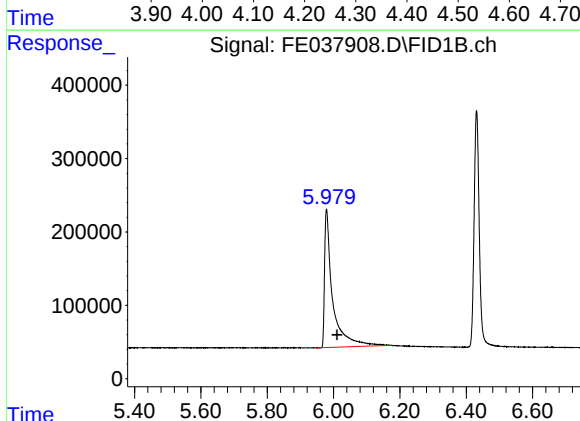
R.T.: 3.005 min
Delta R.T.: -0.006 min
Response: 3293210
Conc: 22.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



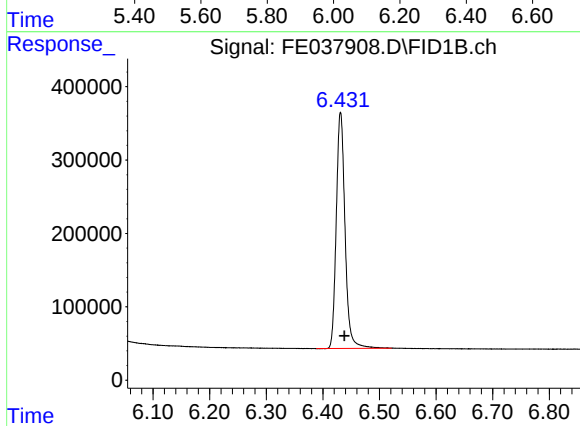
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.007 min
Response: 3367477
Conc: 22.78 ug/ml



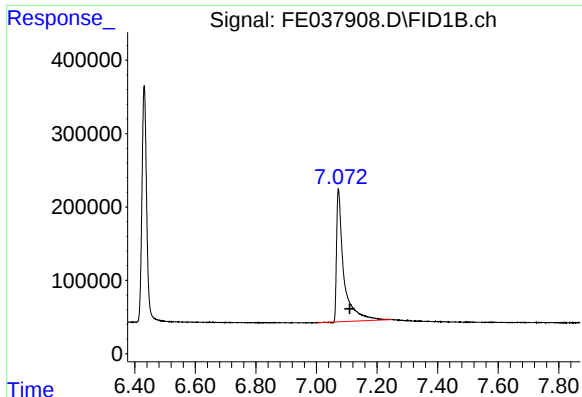
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.032 min
Response: 3188531
Conc: 23.28 ug/ml



#4 n-Dodecane (C12)

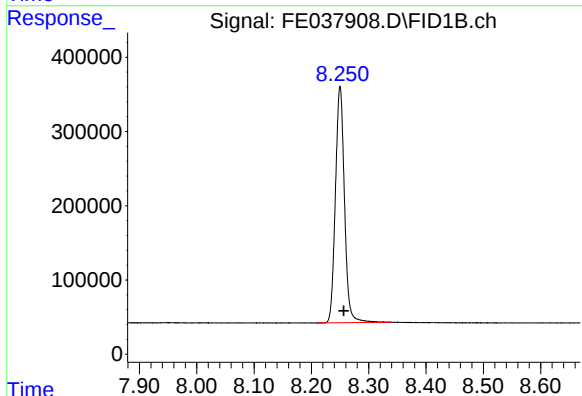
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 3463071
Conc: 22.73 ug/ml



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

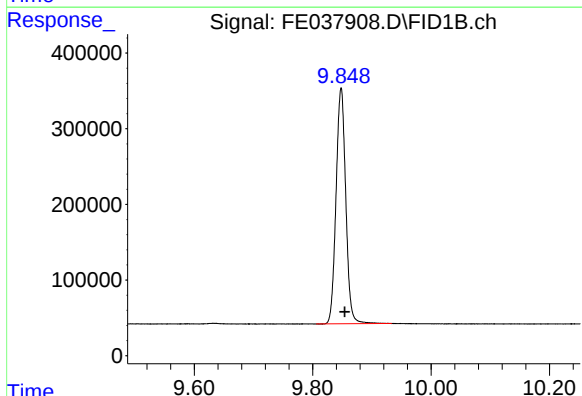
R.T.: 7.073 min
Delta R.T.: -0.037 min
Response: 3001722
Conc: 22.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



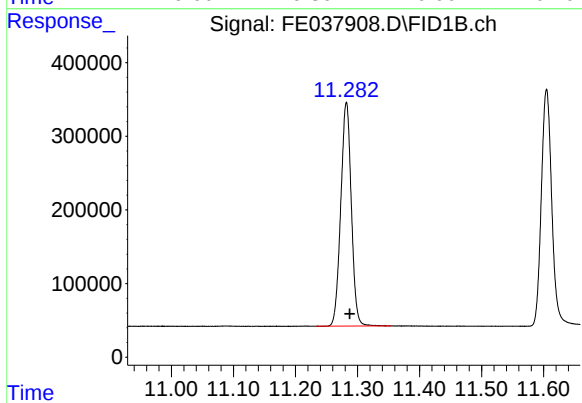
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.006 min
Response: 3493548
Conc: 22.83 ug/ml



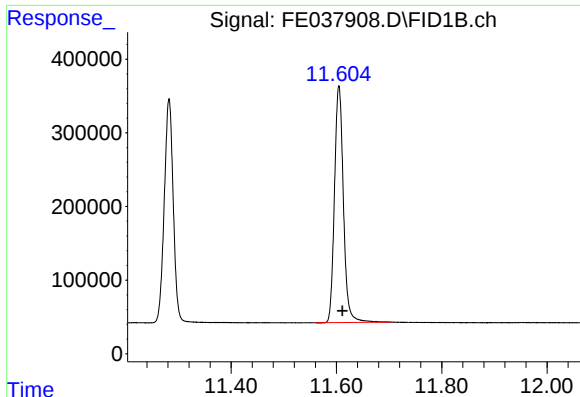
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.006 min
Response: 3550756
Conc: 22.73 ug/ml



#8 n-Octadecane (C18)

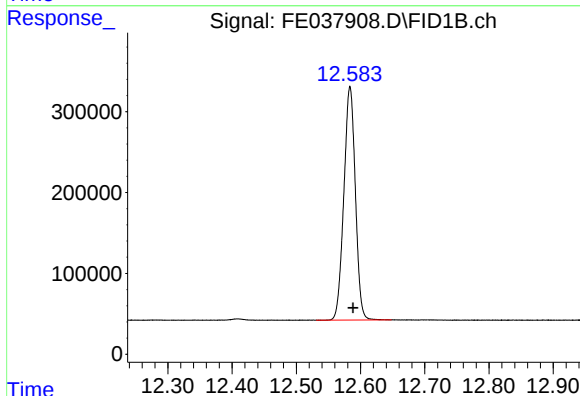
R.T.: 11.282 min
Delta R.T.: -0.006 min
Response: 3587143
Conc: 22.36 ug/ml



#9 ortho-Terphenyl (SURR)

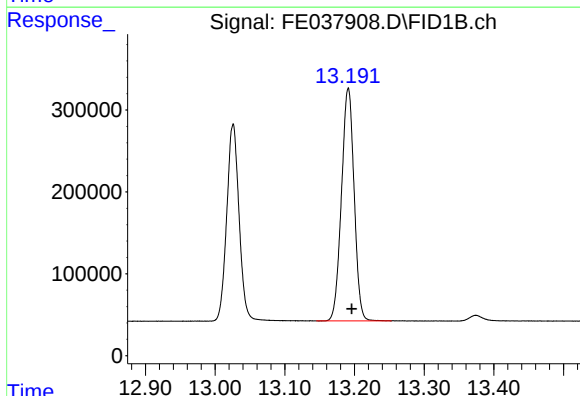
R.T.: 11.605 min
Delta R.T.: -0.007 min
Response: 3789113
Conc: 21.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



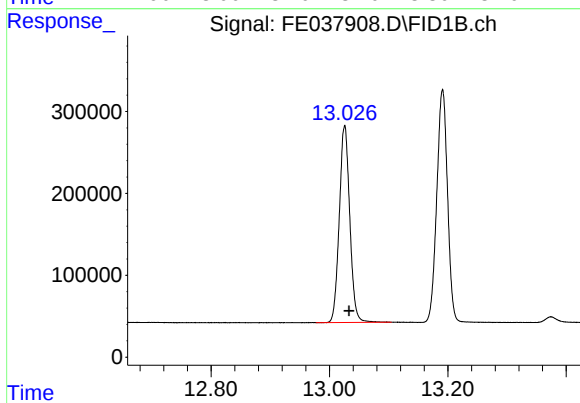
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: -0.005 min
Response: 3590680
Conc: 22.02 ug/ml



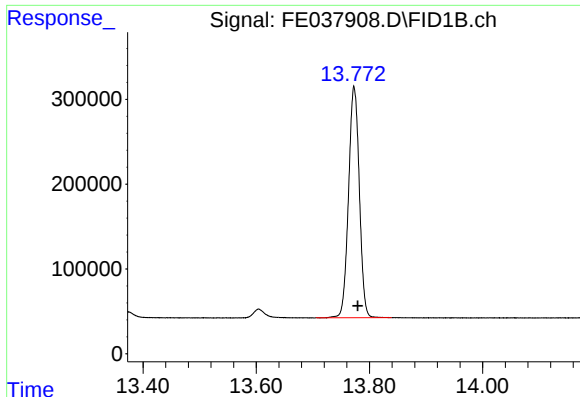
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.005 min
Response: 3581983
Conc: 21.74 ug/ml



#12 1-chlorooctadecane (SURR)

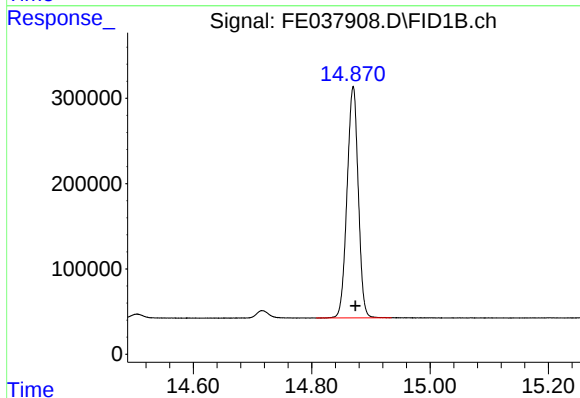
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 2956579
Conc: 21.87 ug/ml



#13 n-Docosane (C22)

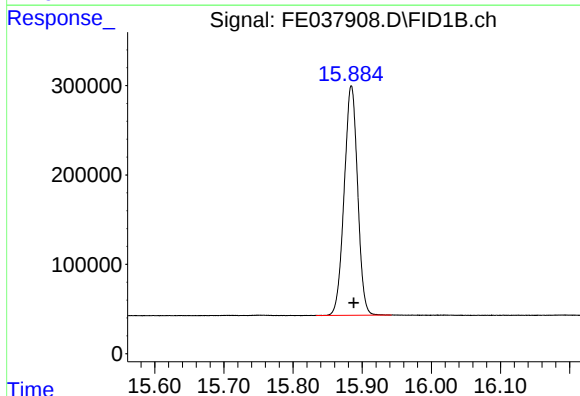
R.T.: 13.773 min
Delta R.T.: -0.006 min
Response: 3608729
Conc: 21.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



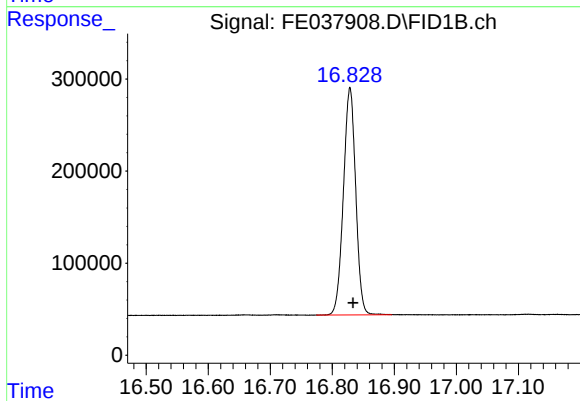
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 3558746
Conc: 21.70 ug/ml



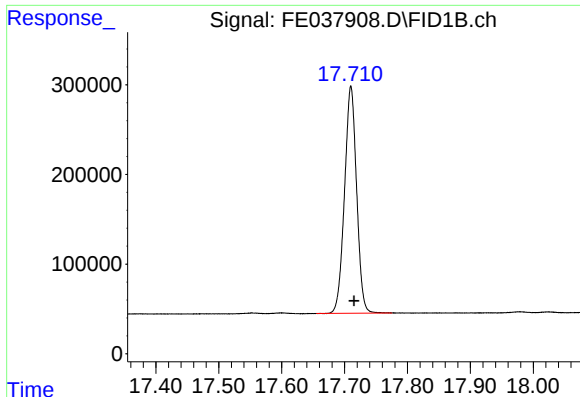
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 3463864
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

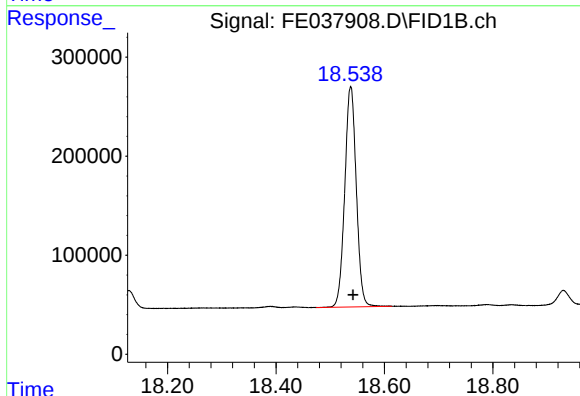
R.T.: 16.829 min
Delta R.T.: -0.005 min
Response: 3395491
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

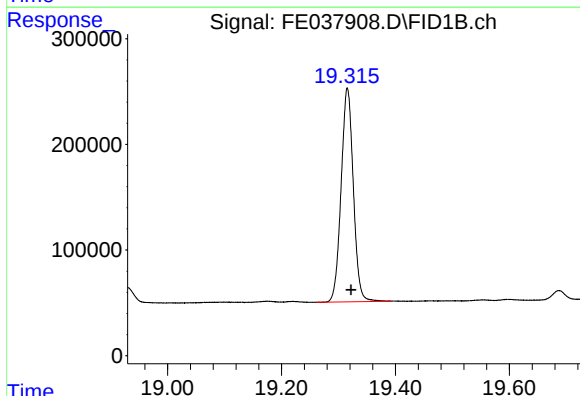
R.T.: 17.710 min
Delta R.T.: -0.005 min
Response: 3375855
Conc: 21.10 ug/ml

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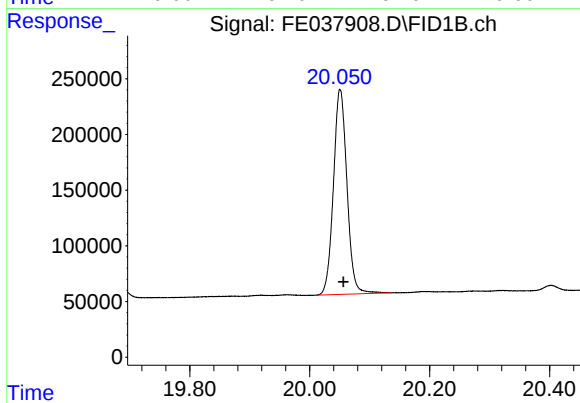
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 3279352
Conc: 20.83 ug/ml



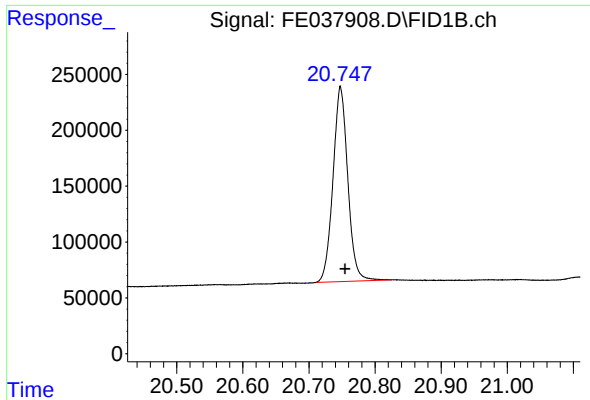
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.007 min
Response: 3007189
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

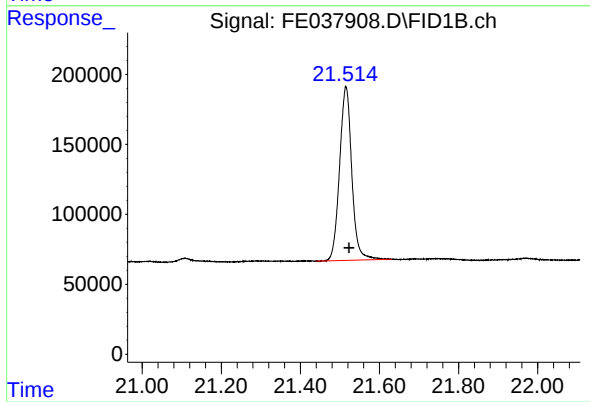
R.T.: 20.051 min
Delta R.T.: -0.005 min
Response: 2882177
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.007 min
Response: 2709204
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.515 min
Delta R.T.: -0.008 min
Response: 2662122
Conc: 20.91 ug/ml