

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100322AL\
 Data File : FE037887.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2022 10:40
 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 11:20:56 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)	11.607	3768458	21.788 ug/ml
Spiked Amount 50.000		Recovery =	43.58%
12) S 1-chlorooctadecane (S...	13.027	2824063	20.894 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.007	3208405	21.784 ug/ml
2) T n-Decane (C10)	4.263	3261544	22.060 ug/ml
3) T A~Naphthalene (C11.7)	5.986	3157050	23.054 ug/ml
4) T n-Dodecane (C12)	6.434	3368200	22.104 ug/ml
5) T A~2-methylnaphthalene...	7.080	2858615	21.508 ug/ml
6) T n-Tetradecane (C14)	8.252	3392356	22.165 ug/ml
7) T n-Hexadecane (C16)	9.850	3457529	22.135 ug/ml
8) T n-Octadecane (C18)	11.283	3519670	21.943 ug/ml
10) T n-Eicosane (C20)	12.584	3529217	21.642 ug/ml
11) T n-Heneicosane (C21)	13.193	3521466	21.372 ug/ml
13) T n-Docosane (C22)	13.774	3535519	21.478 ug/ml
14) T n-Tetracosane (C24)	14.870	3508911	21.395 ug/ml
15) T n-Hexacosane (C26)	15.886	3372386	20.682 ug/ml
16) T n-Octacosane (C28)	16.829	3272440	20.427 ug/ml
17) T n-Tricontane (C30)	17.712	3194041	19.959 ug/ml
18) T n-Dotriacontane (C32)	18.539	3002606	19.068 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2651846	17.899 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2411977	16.730 ug/ml
21) T n-Octatriacontane (C38)	20.749	2157524	15.899 ug/ml
22) T n-Tetracontane (C40)	21.516	1961326	15.408 ug/ml

(f)=RT Delta > 1/2 Window

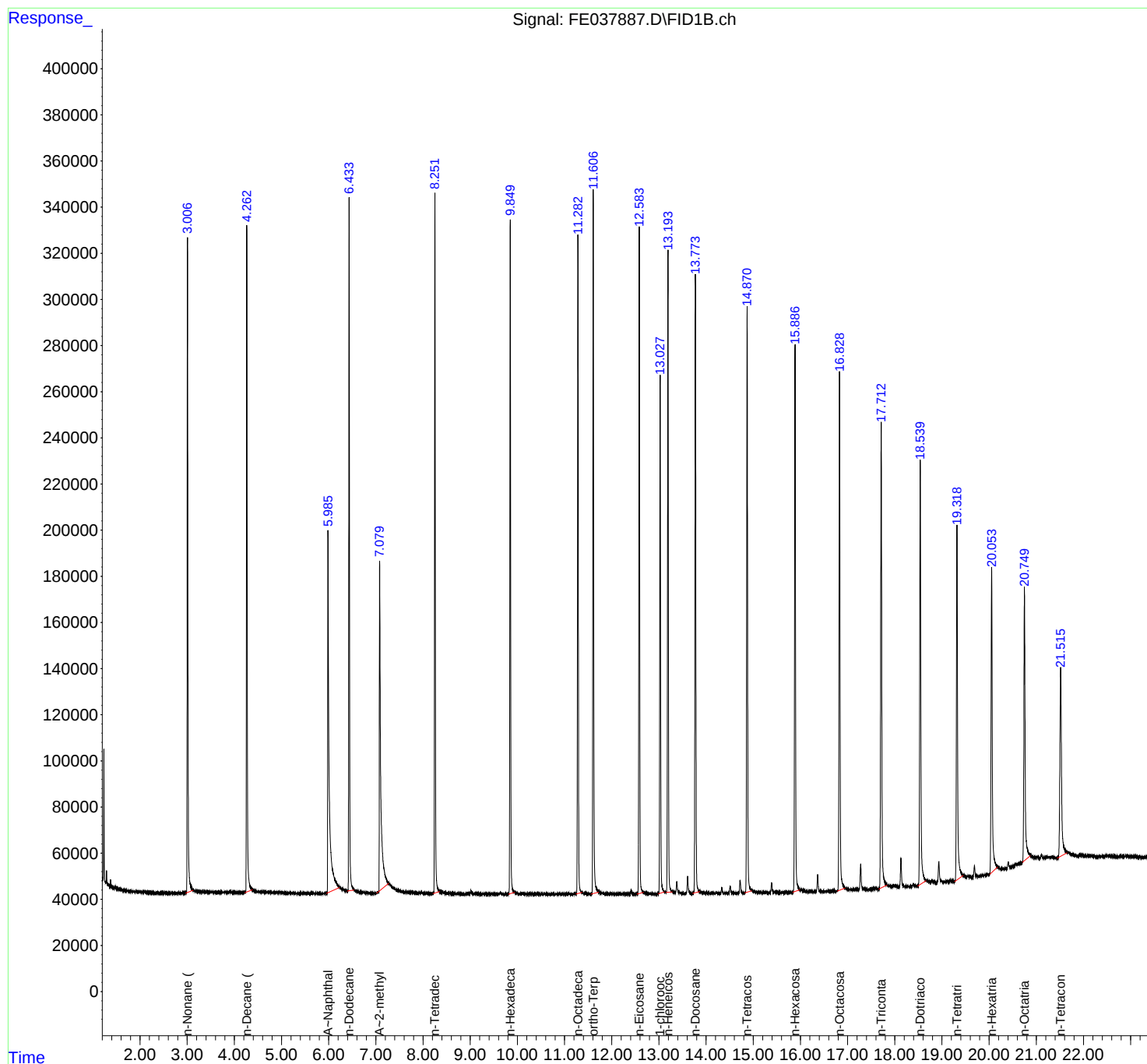
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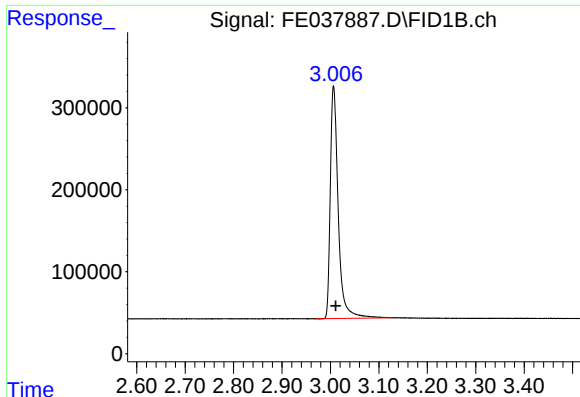
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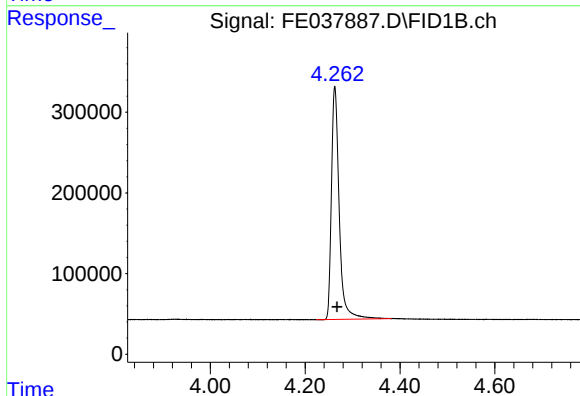




#1 n-Nonane (C9)

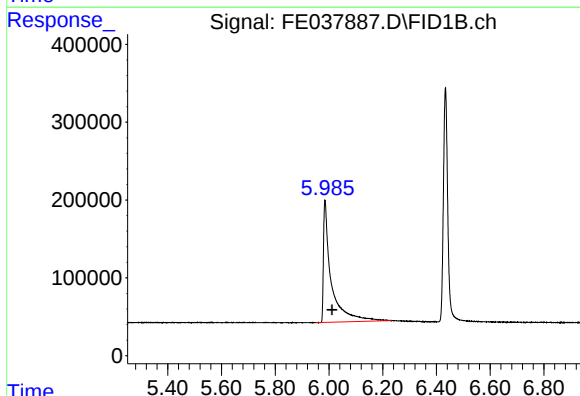
R.T.: 3.007 min
Delta R.T.: -0.004 min
Response: 3208405
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



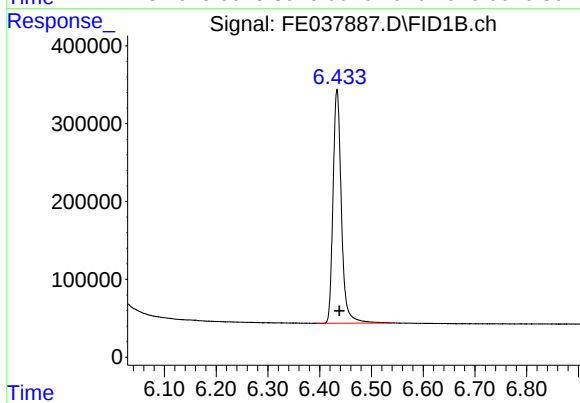
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 3261544
Conc: 22.06 ug/ml



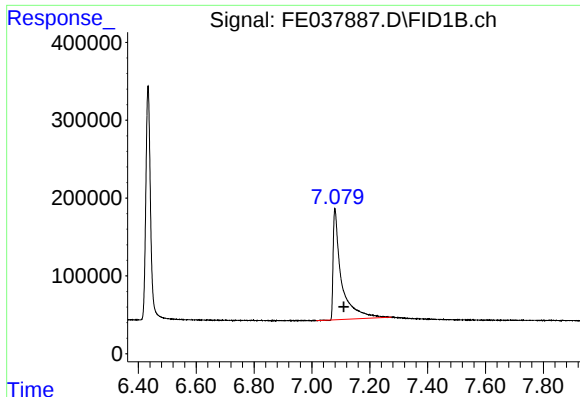
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.026 min
Response: 3157050
Conc: 23.05 ug/ml



#4 n-Dodecane (C12)

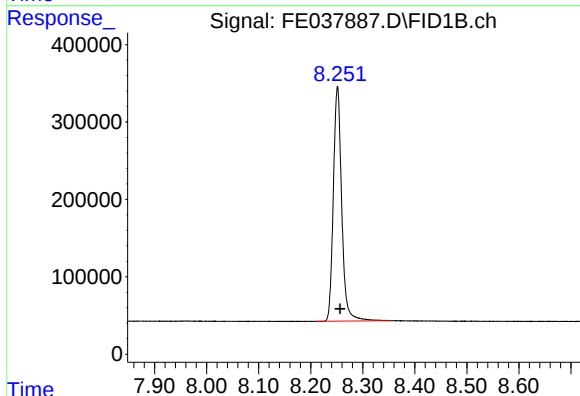
R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 3368200
Conc: 22.10 ug/ml



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

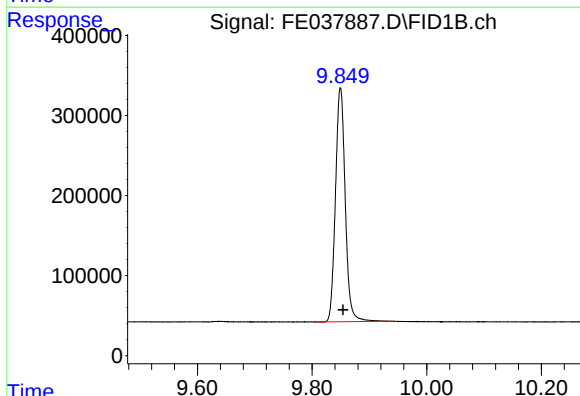
R.T.: 7.080 min
Delta R.T.: -0.030 min
Response: 2858615
Conc: 21.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



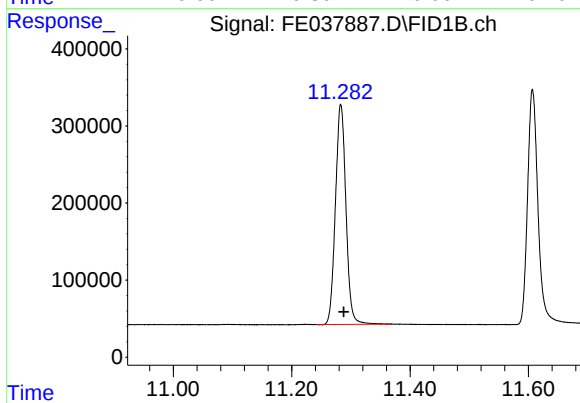
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 3392356
Conc: 22.16 ug/ml



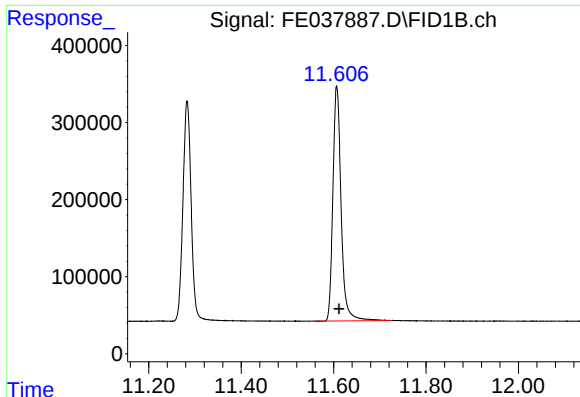
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.005 min
Response: 3457529
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

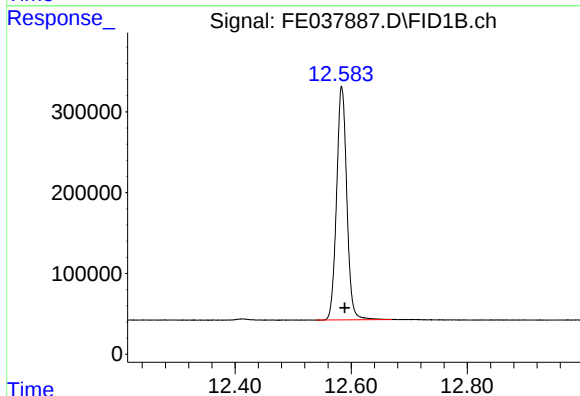
R.T.: 11.283 min
Delta R.T.: -0.005 min
Response: 3519670
Conc: 21.94 ug/ml



#9 ortho-Terphenyl (SURR)

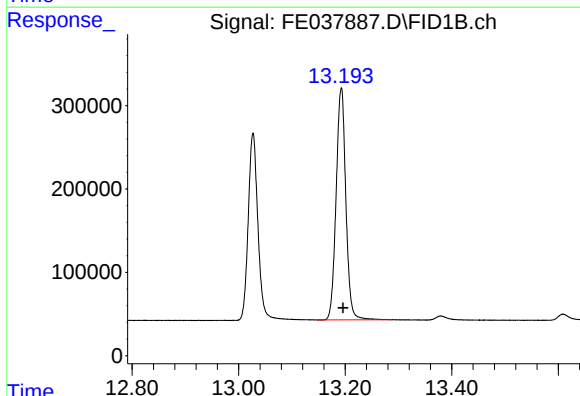
R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 3768458
Conc: 21.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



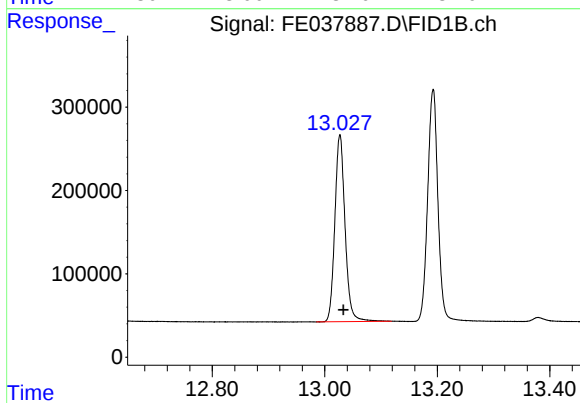
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: -0.005 min
Response: 3529217
Conc: 21.64 ug/ml



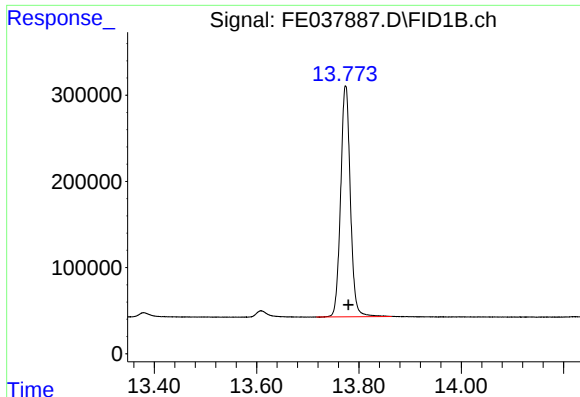
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 3521466
Conc: 21.37 ug/ml



#12 1-chlorooctadecane (SURR)

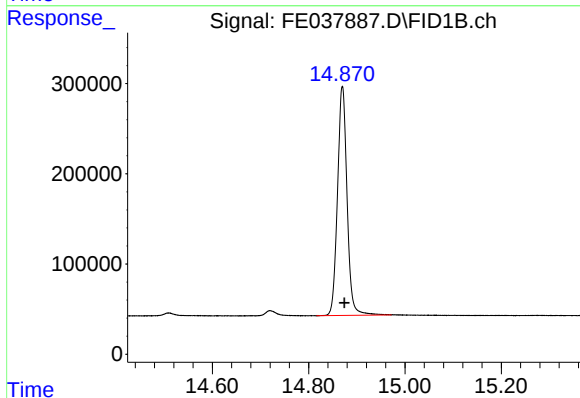
R.T.: 13.027 min
Delta R.T.: -0.006 min
Response: 2824063
Conc: 20.89 ug/ml



#13 n-Docosane (C22)

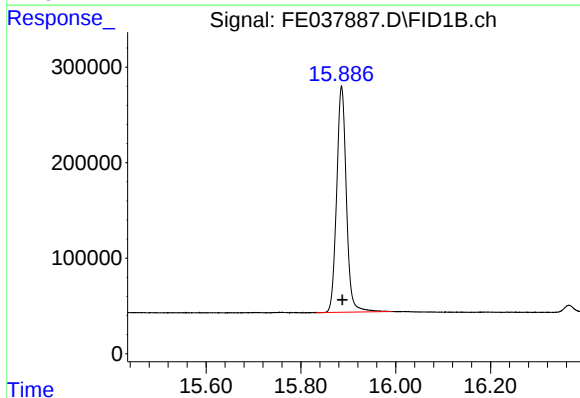
R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 3535519
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



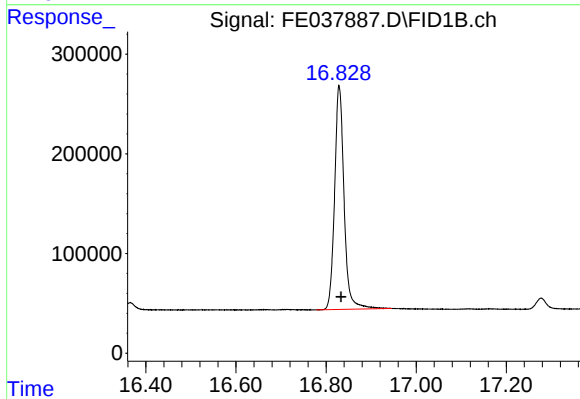
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 3508911
Conc: 21.40 ug/ml



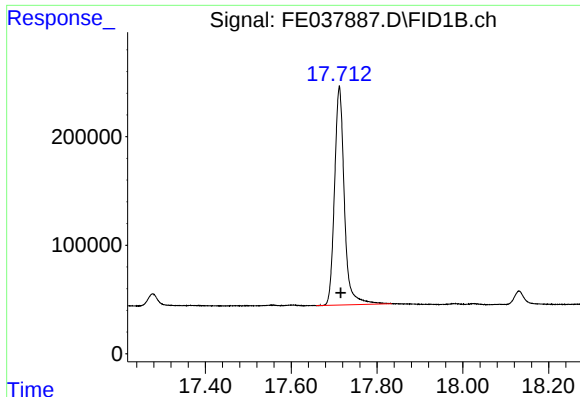
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.002 min
Response: 3372386
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

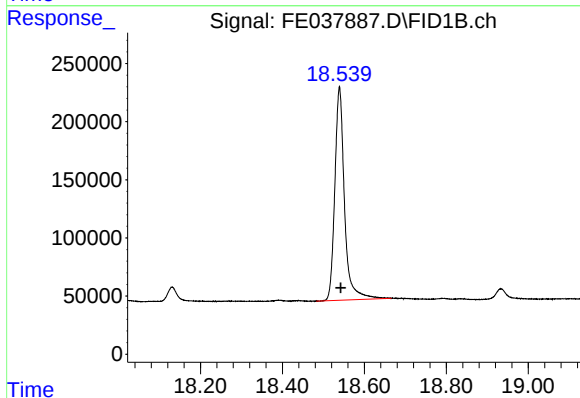
R.T.: 16.829 min
Delta R.T.: -0.004 min
Response: 3272440
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

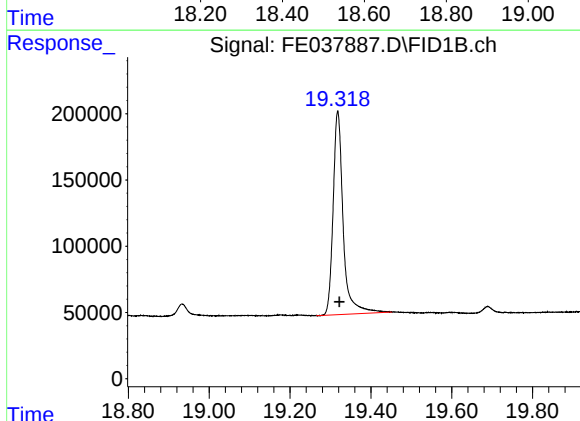
R.T.: 17.712 min
Delta R.T.: -0.003 min
Response: 3194041
Conc: 19.96 ug/ml

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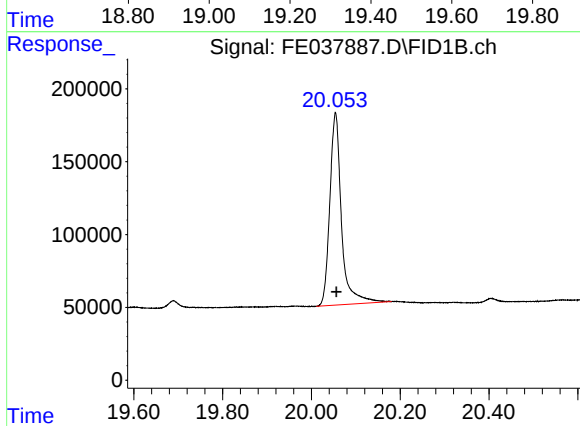
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.003 min
Response: 3002606
Conc: 19.07 ug/ml



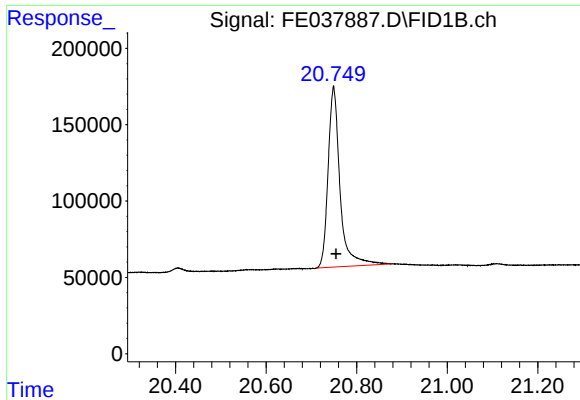
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.004 min
Response: 2651846
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

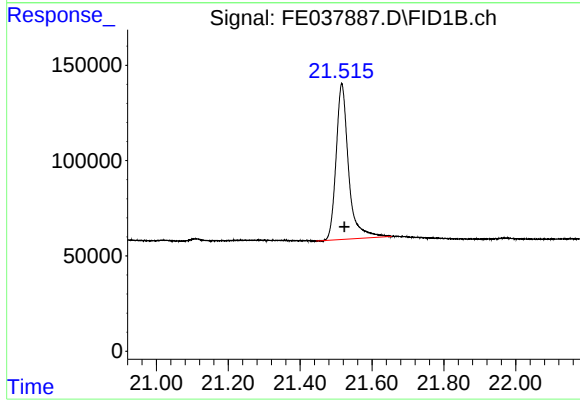
R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 2411977
Conc: 16.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.005 min
Response: 2157524
Conc: 15.90 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 1961326
Conc: 15.41 ug/ml