

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
 Data File : FE039015.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2022 09:47
 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: Nov 30 11:49:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.951	3274108	20.929 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	13.386	2517847	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.345	2815856	19.865 ug/ml
2) T n-Decane (C10)	4.594	2802336	20.106 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3237023	20.352 ug/ml
4) T n-Dodecane (C12)	6.757	2839098	20.141 ug/ml
5) T A~2-methylnaphthalene...	7.392	3039630	20.309 ug/ml
6) T n-Tetradecane (C14)	8.583	2901961	20.319 ug/ml
7) T n-Hexadecane (C16)	10.190	3010559	20.591 ug/ml
8) T n-Octadecane (C18)	11.632	3059047	20.789 ug/ml
10) T n-Eicosane (C20)	12.941	2969922	20.920 ug/ml
11) T n-Heneicosane (C21)	13.553	2971531	20.912 ug/ml
13) T n-Docosane (C22)	14.139	2943153	21.054 ug/ml
14) T n-Tetracosane (C24)	15.241	2896287	20.972 ug/ml
15) T n-Hexacosane (C26)	16.262	2833711	21.098 ug/ml
16) T n-Octacosane (C28)	17.213	2882712	21.707 ug/ml
17) T n-Tricontane (C30)	18.100	3046119	23.066 ug/ml
18) T n-Dotriacontane (C32)	18.934	3144467	23.578 ug/ml
19) T n-Tetratriacontane (C34)	19.717	3028723	22.889 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2835642	22.072 ug/ml
21) T n-Octatriacontane (C38)	21.198	2828253	21.584 ug/ml
22) T n-Tetracontane (C40)	22.120	2733629	20.075 ug/ml

(f)=RT Delta > 1/2 Window

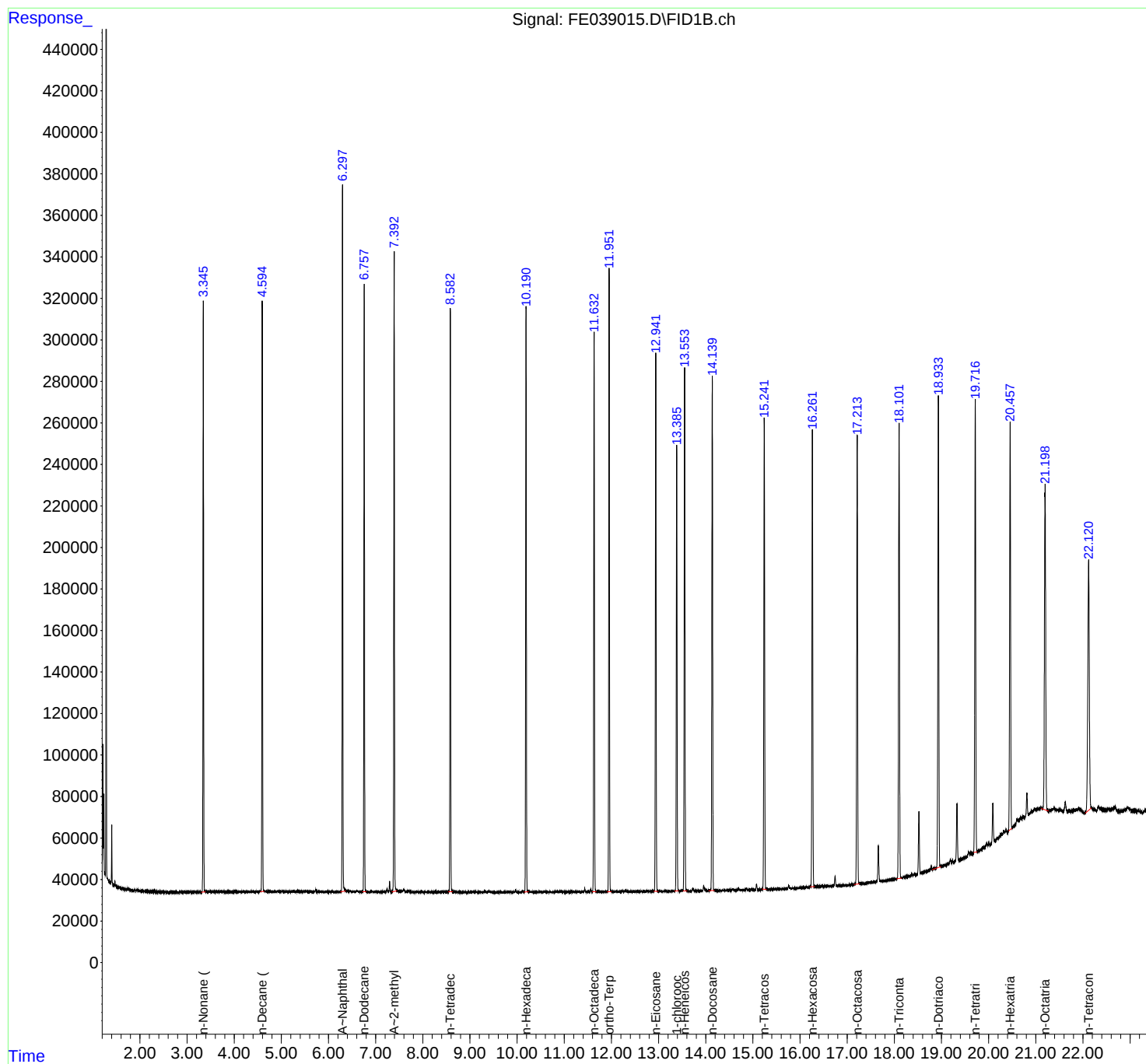
(m)=manual int.

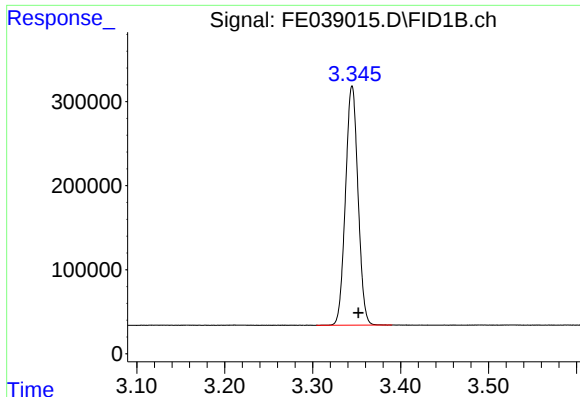
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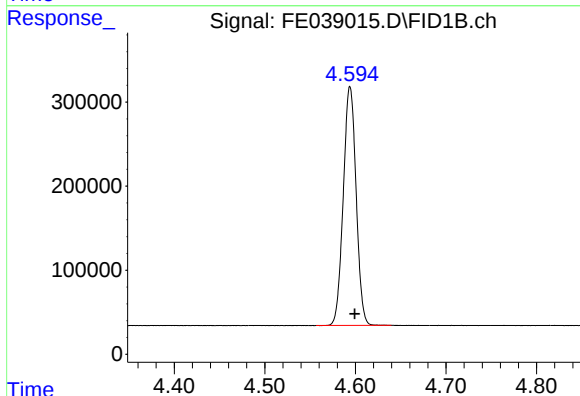




#1 n-Nonane (C9)

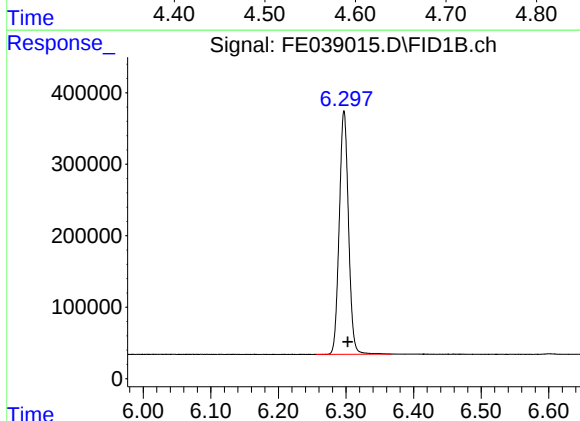
R.T.: 3.345 min
Delta R.T.: -0.007 min
Response: 2815856
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



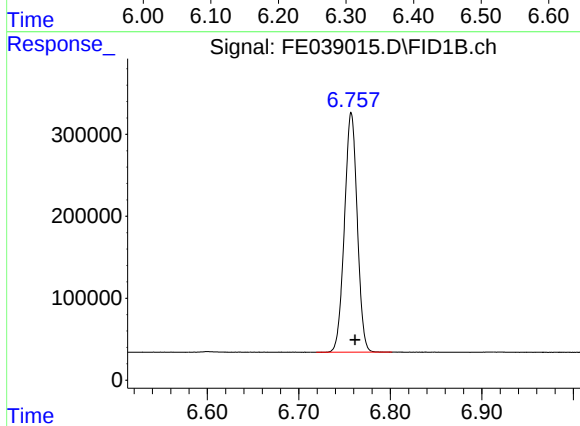
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 2802336
Conc: 20.11 ug/ml



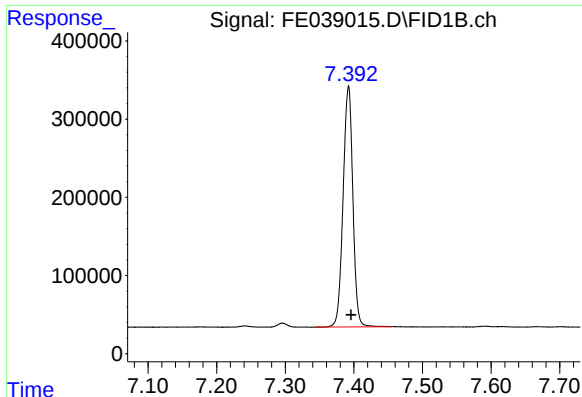
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 3237023
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

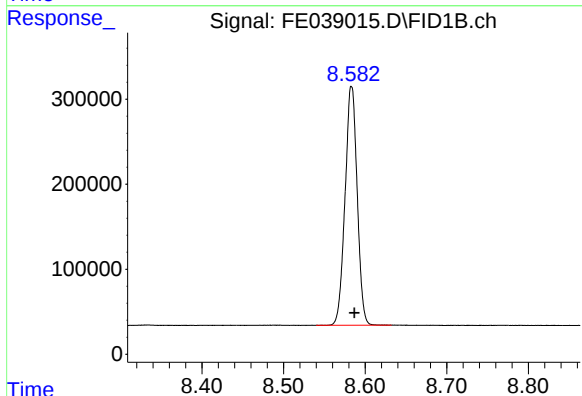
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 2839098
Conc: 20.14 ug/ml



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

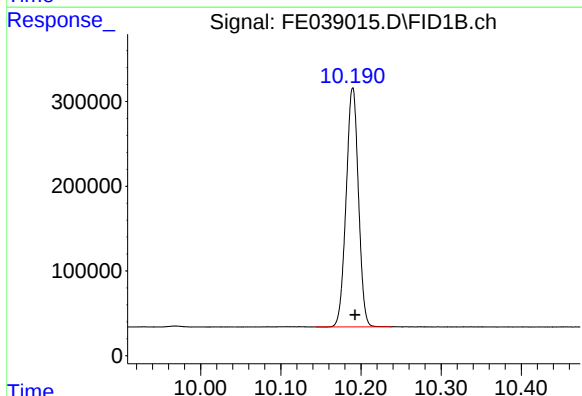
R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 3039630
Conc: 20.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



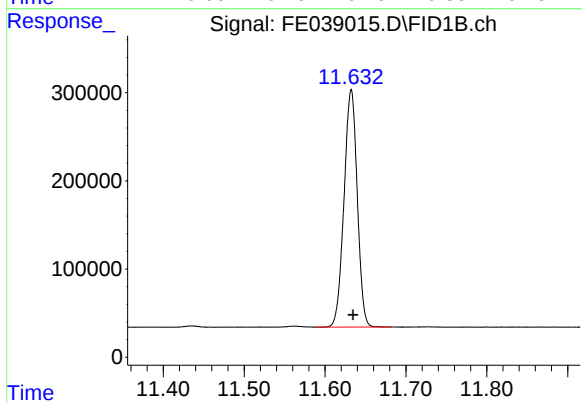
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 2901961
Conc: 20.32 ug/ml



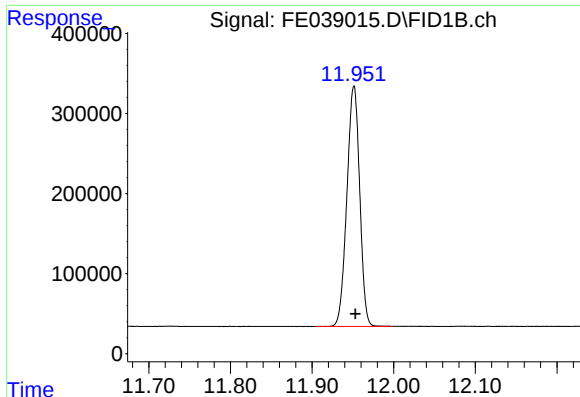
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 3010559
Conc: 20.59 ug/ml



#8 n-Octadecane (C18)

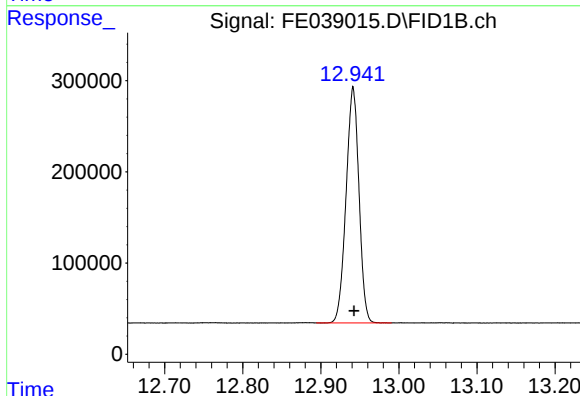
R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 3059047
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

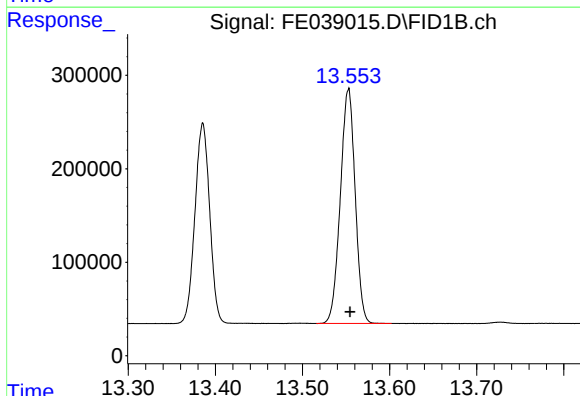
R.T.: 11.951 min
Delta R.T.: -0.002 min
Response: 3274108
Conc: 20.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



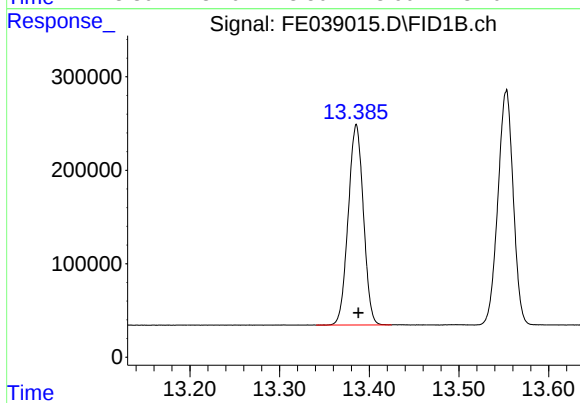
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 2969922
Conc: 20.92 ug/ml



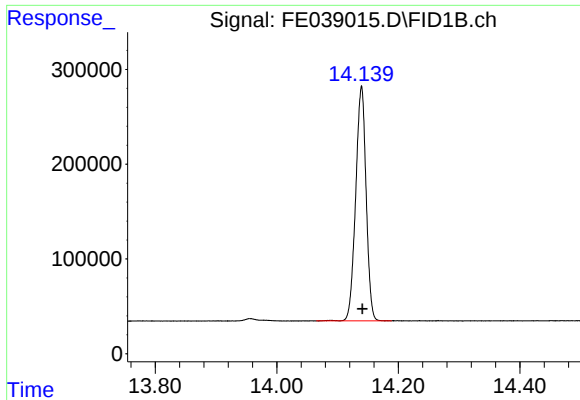
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2971531
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

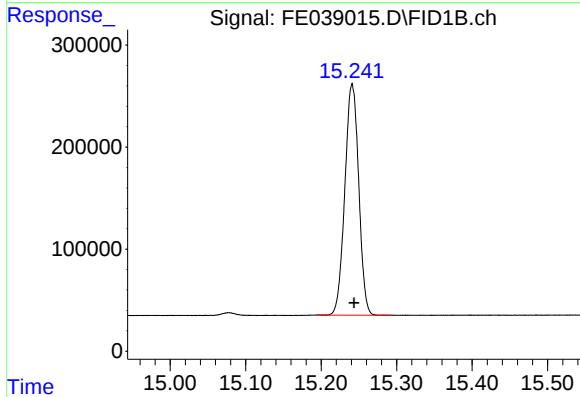
R.T.: 13.386 min
Delta R.T.: -0.003 min
Response: 2517847
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

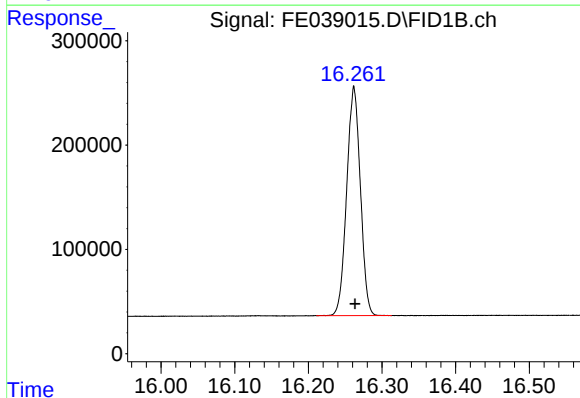
R.T.: 14.139 min
Delta R.T.: -0.001 min
Response: 2943153
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



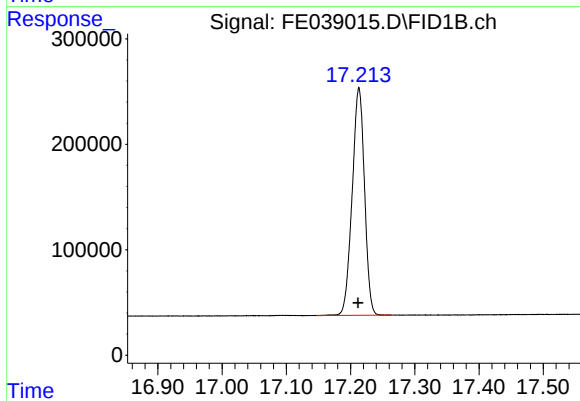
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.002 min
Response: 2896287
Conc: 20.97 ug/ml



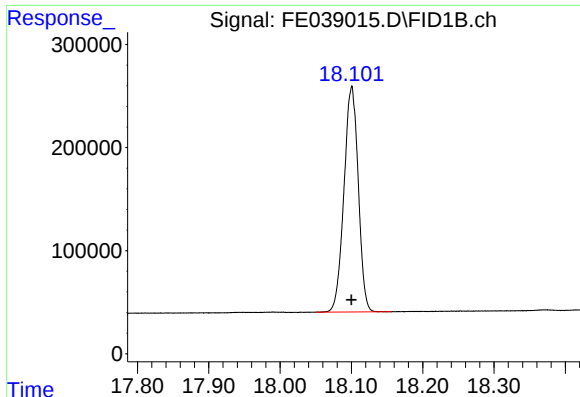
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.001 min
Response: 2833711
Conc: 21.10 ug/ml



#16 n-Octacosane (C28)

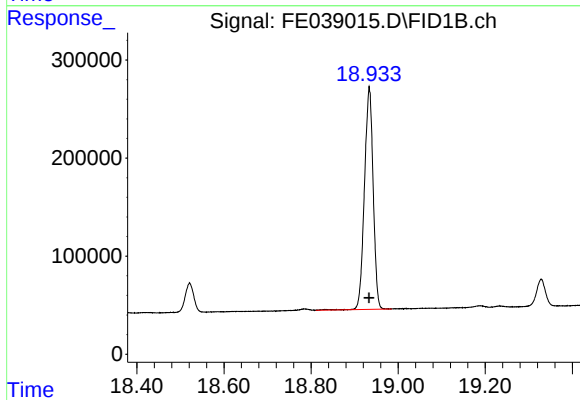
R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 2882712
Conc: 21.71 ug/ml



#17 n-Tricontane (C30)

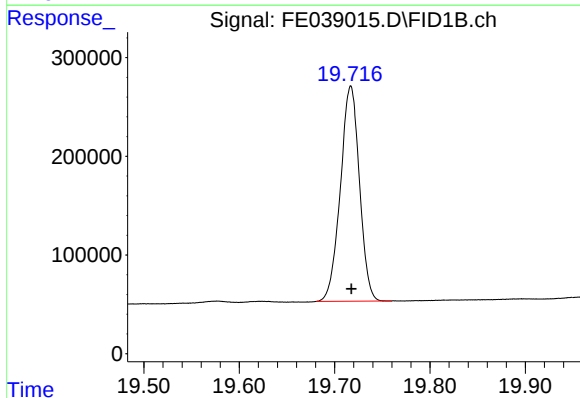
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3046119
Conc: 23.07 ug/ml

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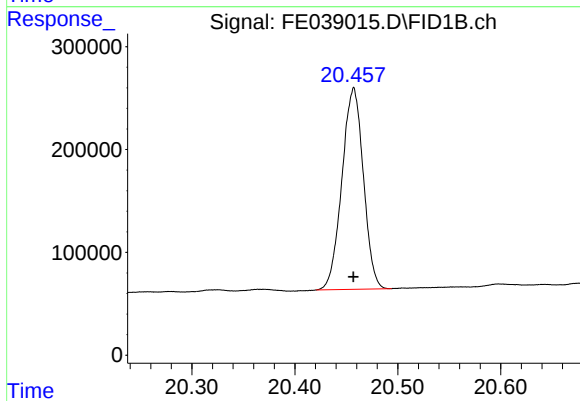
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3144467
Conc: 23.58 ug/ml



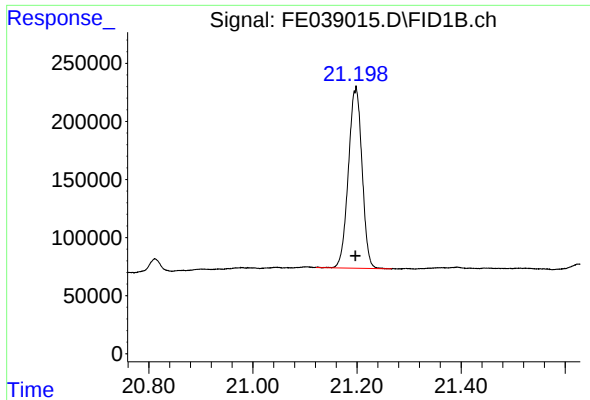
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 3028723
Conc: 22.89 ug/ml



#20 n-Hexatriacontane (C36)

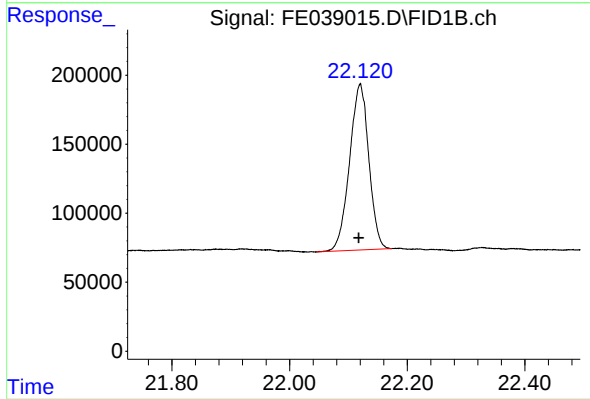
R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2835642
Conc: 22.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 2828253
Conc: 21.58 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.002 min
Response: 2733629
Conc: 20.08 ug/ml