

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062323AL\
 Data File : FE042841.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2023 14:44
 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: Jun 24 00:20:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.920	3319232	18.068 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
12) S 1-chlorooctadecane (S...	13.357	2460876	18.083 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T n-Nonane (C9)	3.300	2821391	18.265 ug/ml
2) T n-Decane (C10)	4.552	2863834	18.130 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3099378	18.304 ug/ml
4) T n-Dodecane (C12)	6.721	2896077	18.093 ug/ml
5) T A~2-methylnaphthalene...	7.358	2949492	18.191 ug/ml
6) T n-Tetradecane (C14)	8.550	2870423	18.036 ug/ml
7) T n-Hexadecane (C16)	10.157	2973125	18.052 ug/ml
8) T n-Octadecane (C18)	11.600	2997927	18.036 ug/ml
10) T n-Eicosane (C20)	12.910	2866027	18.061 ug/ml
11) T n-Heneicosane (C21)	13.523	2799164	18.093 ug/ml
13) T n-Docosane (C22)	14.109	2754279	18.081 ug/ml
14) T n-Tetracosane (C24)	15.211	2676785	18.041 ug/ml
15) T n-Hexacosane (C26)	16.233	2575500	18.015 ug/ml
16) T n-Octacosane (C28)	17.182	2469304	17.804 ug/ml
17) T n-Tricontane (C30)	18.069	2480643	17.540 ug/ml
18) T n-Dotriacontane (C32)	18.902	2434570	17.358 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2399531	17.535 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2382504	17.815 ug/ml
21) T n-Octatriacontane (C38)	21.169	2450330	17.972 ug/ml
22) T n-Tetracontane (C40)	22.091	2629237	18.898 ug/ml

(f)=RT Delta > 1/2 Window

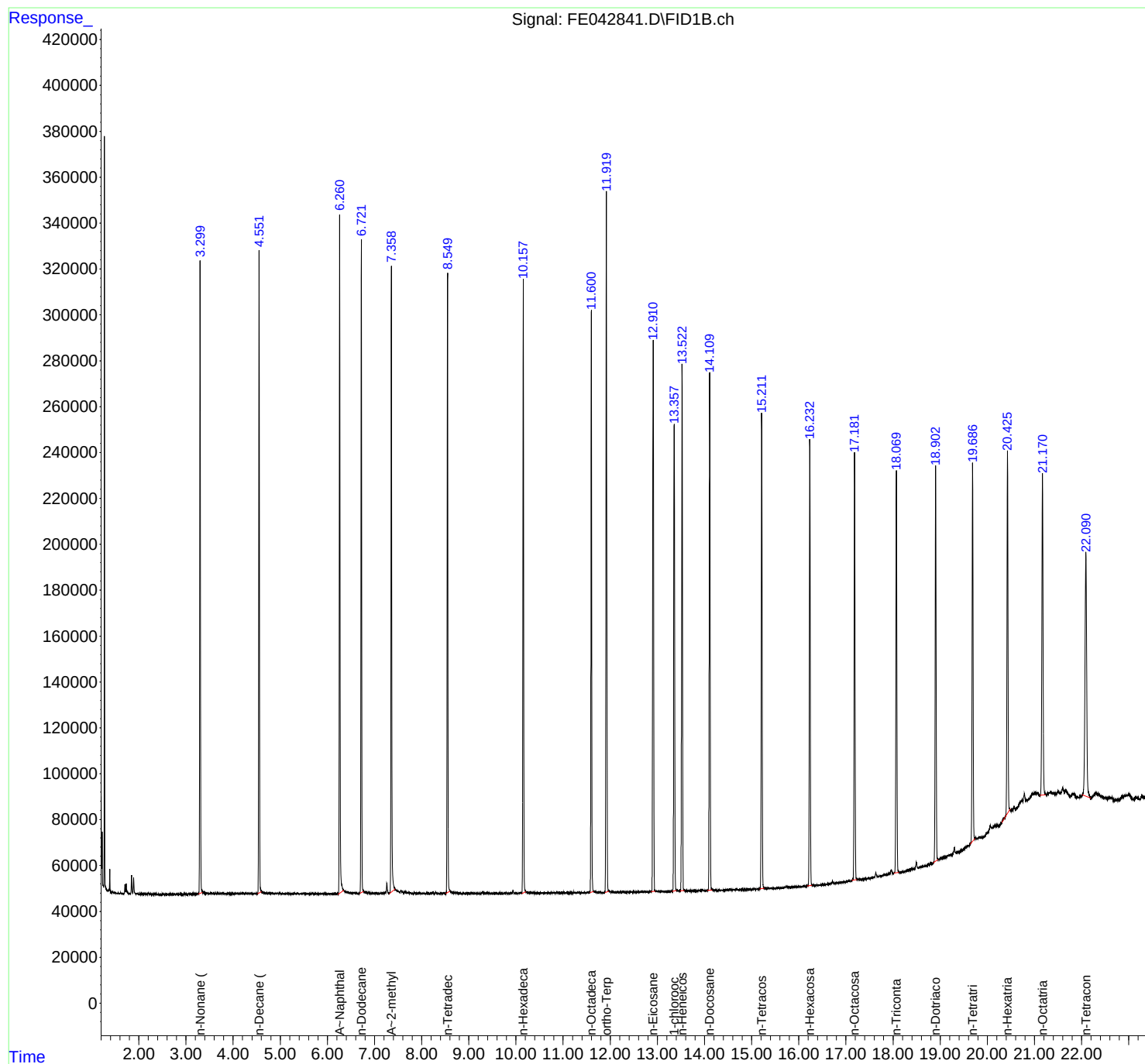
(m)=manual int.

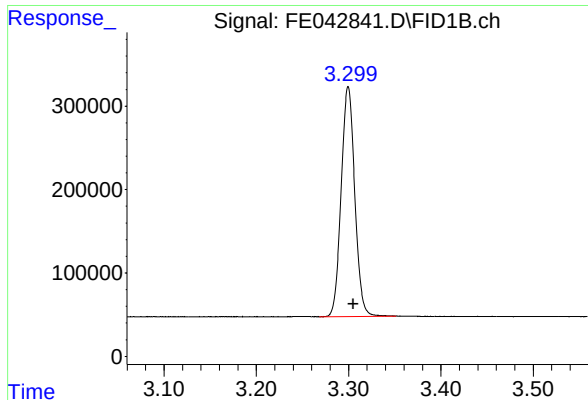
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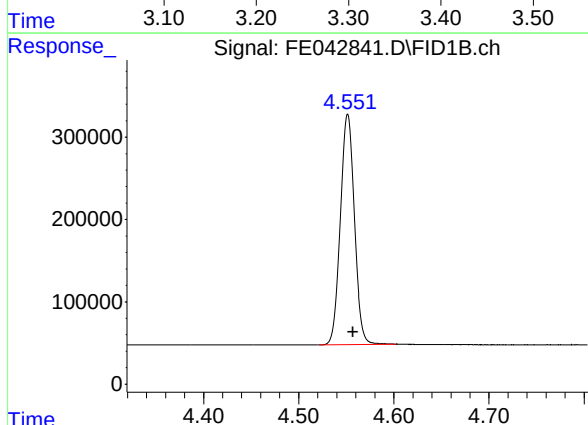




#1 n-Nonane (C9)

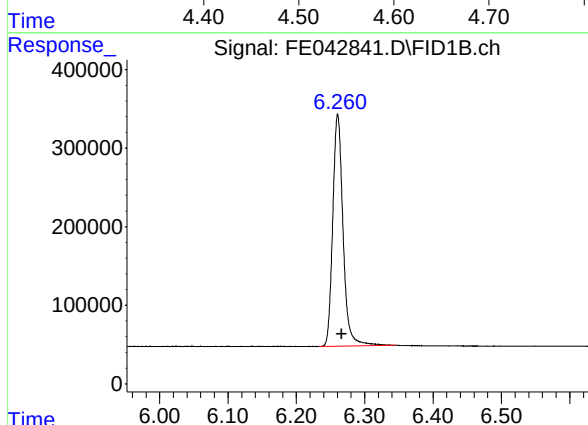
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 2821391
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



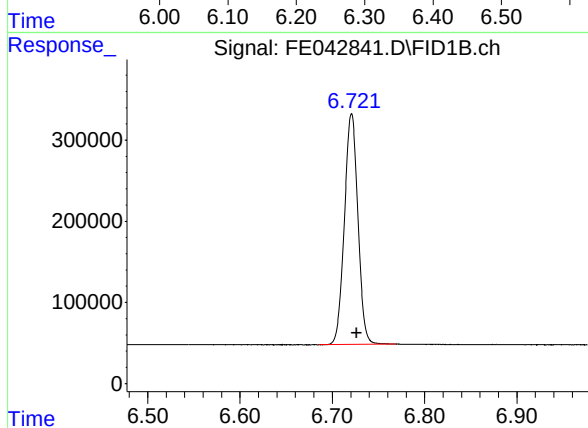
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 2863834
Conc: 18.13 ug/ml



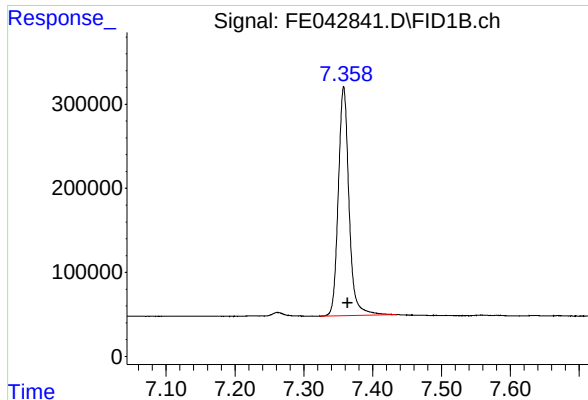
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 3099378
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

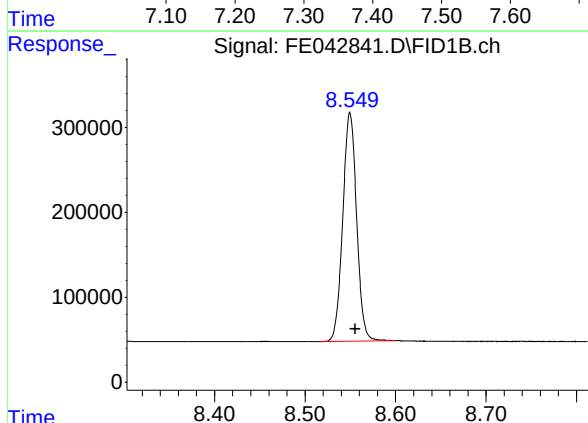
R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 2896077
Conc: 18.09 ug/ml



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

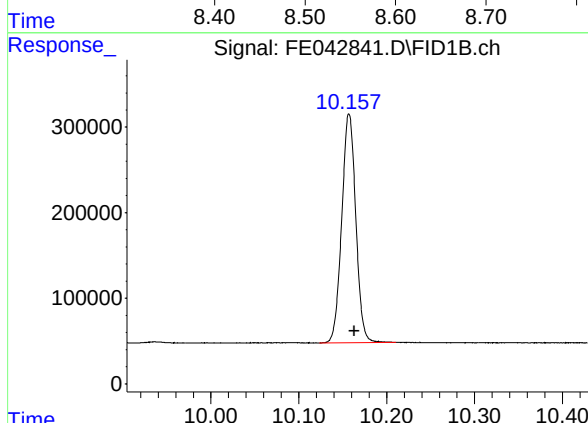
R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 2949492
Conc: 18.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



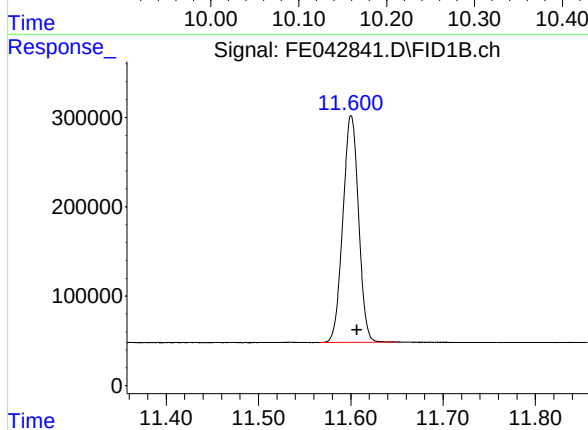
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.006 min
Response: 2870423
Conc: 18.04 ug/ml



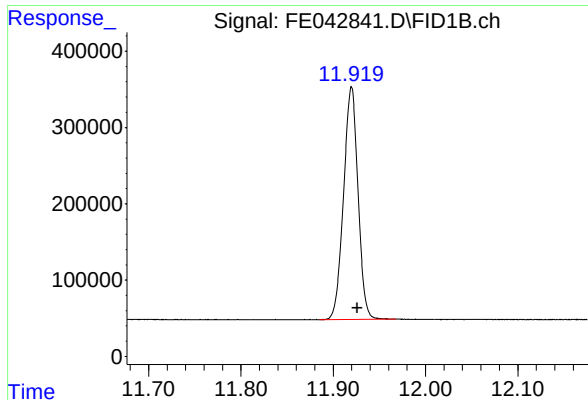
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.006 min
Response: 2973125
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

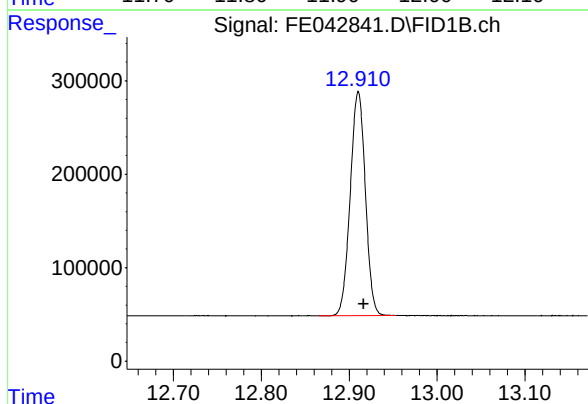
R.T.: 11.600 min
Delta R.T.: -0.006 min
Response: 2997927
Conc: 18.04 ug/ml



#9 ortho-Terphenyl (SURR)

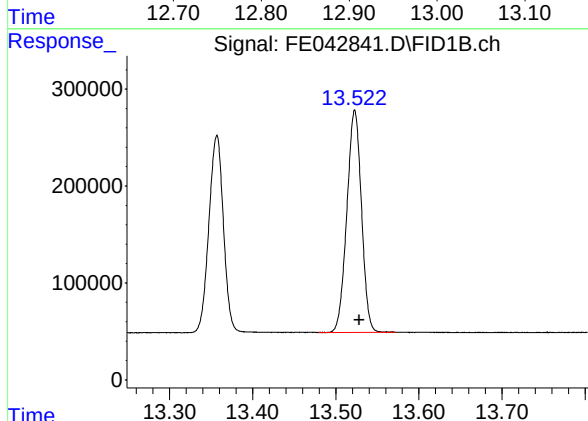
R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 3319232
Conc: 18.07 ug/ml

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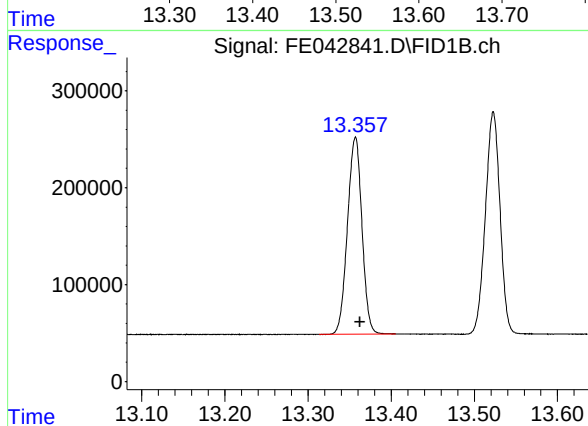
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.006 min
Response: 2866027
Conc: 18.06 ug/ml



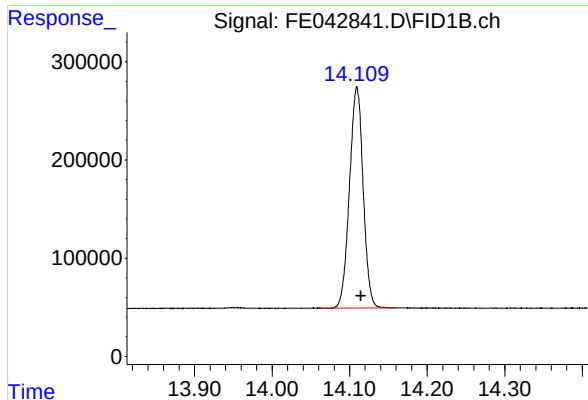
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.006 min
Response: 2799164
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

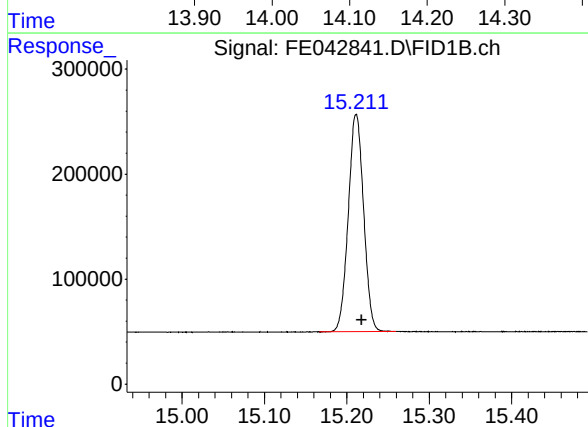
R.T.: 13.357 min
Delta R.T.: -0.006 min
Response: 2460876
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

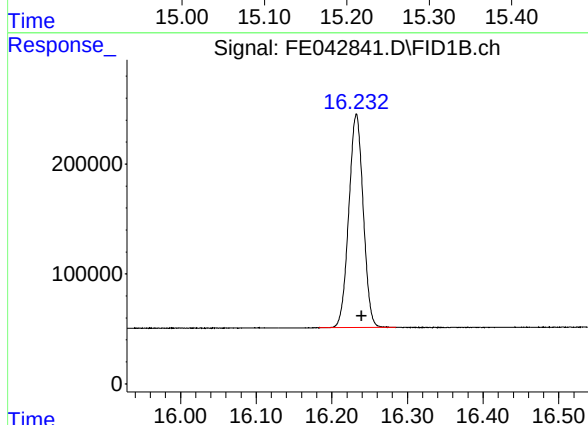
R.T.: 14.109 min
Delta R.T.: -0.005 min
Response: 2754279
Conc: 18.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



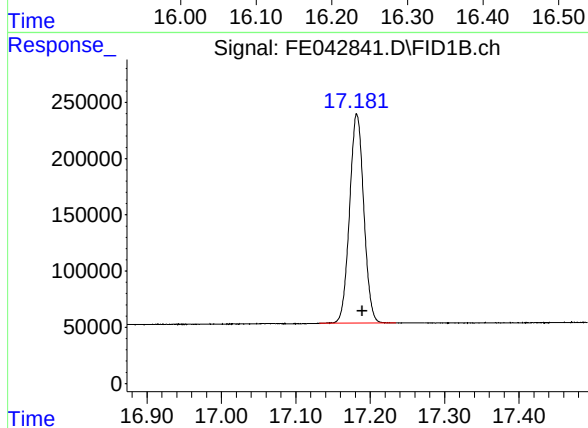
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.006 min
Response: 2676785
Conc: 18.04 ug/ml



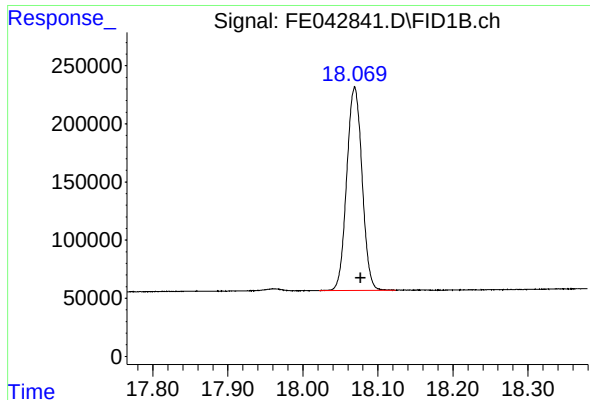
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.007 min
Response: 2575500
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

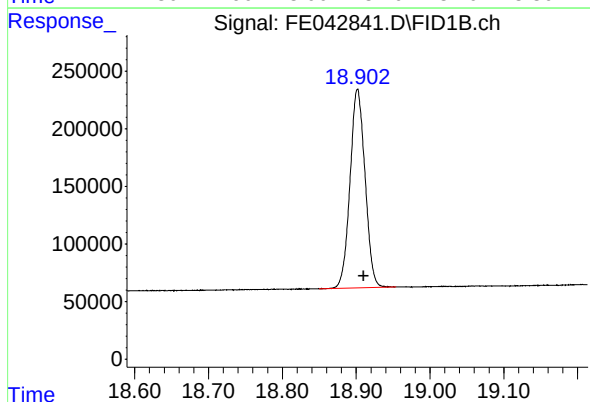
R.T.: 17.182 min
Delta R.T.: -0.007 min
Response: 2469304
Conc: 17.80 ug/ml



#17 n-Tricontane (C30)

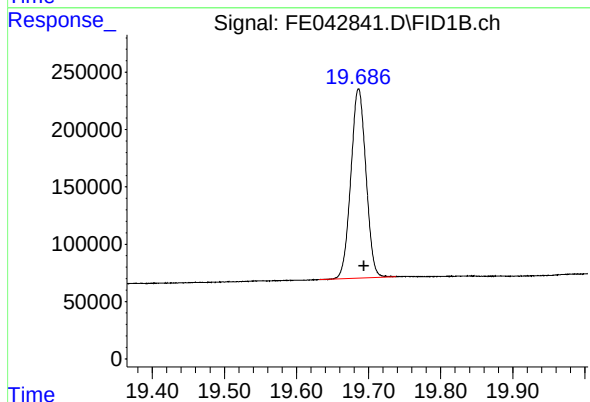
R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 2480643
Conc: 17.54 ug/ml

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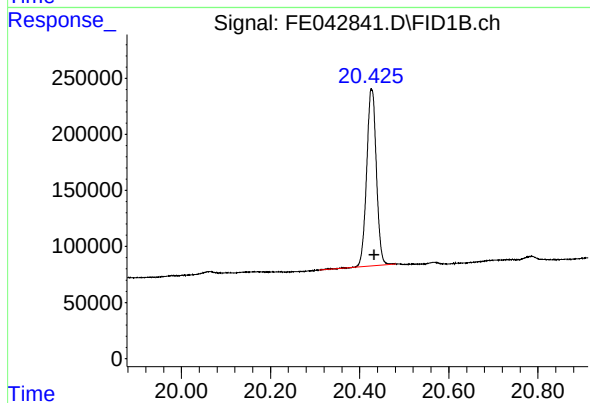
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.008 min
Response: 2434570
Conc: 17.36 ug/ml



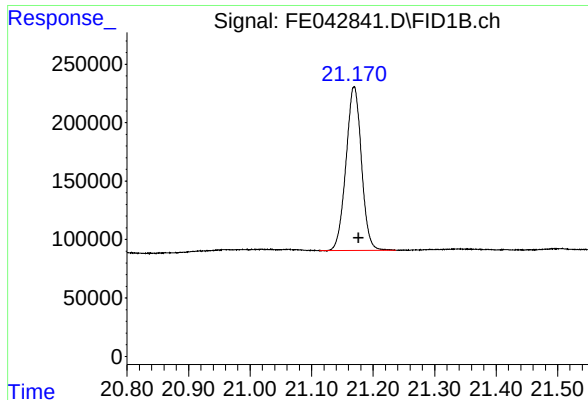
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.007 min
Response: 2399531
Conc: 17.53 ug/ml



#20 n-Hexatriacontane (C36)

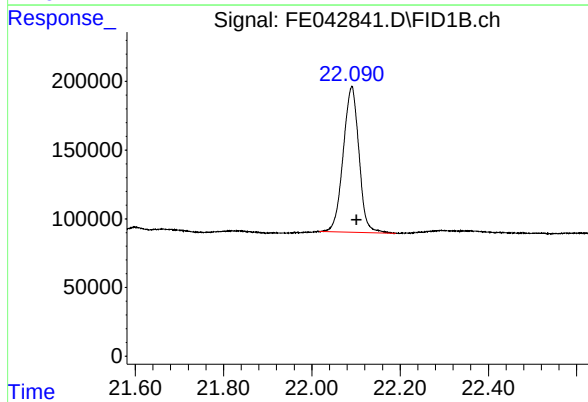
R.T.: 20.427 min
Delta R.T.: -0.007 min
Response: 2382504
Conc: 17.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.007 min
Response: 2450330
Conc: 17.97 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.010 min
Response: 2629237
Conc: 18.90 ug/ml