

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091223AL\
 Data File : FE044223.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2023 14:36
 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: Sep 12 15:08:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.930	4113452	21.713 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
12) S 1-chlorooctadecane (S...	13.368	3097814	22.424 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
Target Compounds			
1) T n-Nonane (C9)	3.318	3438018	21.075 ug/ml
2) T n-Decane (C10)	4.570	3490925	21.003 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3781016	21.115 ug/ml
4) T n-Dodecane (C12)	6.734	3532762	21.006 ug/ml
5) T A~2-methylnaphthalene...	7.365	3684992	21.495 ug/ml
6) T n-Tetradecane (C14)	8.560	3508839	20.923 ug/ml
7) T n-Hexadecane (C16)	10.168	3567019	20.638 ug/ml
8) T n-Octadecane (C18)	11.613	3568423	20.500 ug/ml
10) T n-Eicosane (C20)	12.923	3451868	20.868 ug/ml
11) T n-Heneicosane (C21)	13.535	3389274	20.953 ug/ml
13) T n-Docosane (C22)	14.122	3339724	20.905 ug/ml
14) T n-Tetracosane (C24)	15.226	3252004	20.796 ug/ml
15) T n-Hexacosane (C26)	16.247	3137637	20.813 ug/ml
16) T n-Octacosane (C28)	17.200	3009807	20.856 ug/ml
17) T n-Tricontane (C30)	18.088	3015313	20.755 ug/ml
18) T n-Dotriacontane (C32)	18.920	2978877	20.912 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2917078	20.845 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2933373	21.397 ug/ml
21) T n-Octatriacontane (C38)	21.188	2975133	21.432 ug/ml
22) T n-Tetracontane (C40)	22.111	3094251	22.380 ug/ml

(f)=RT Delta > 1/2 Window

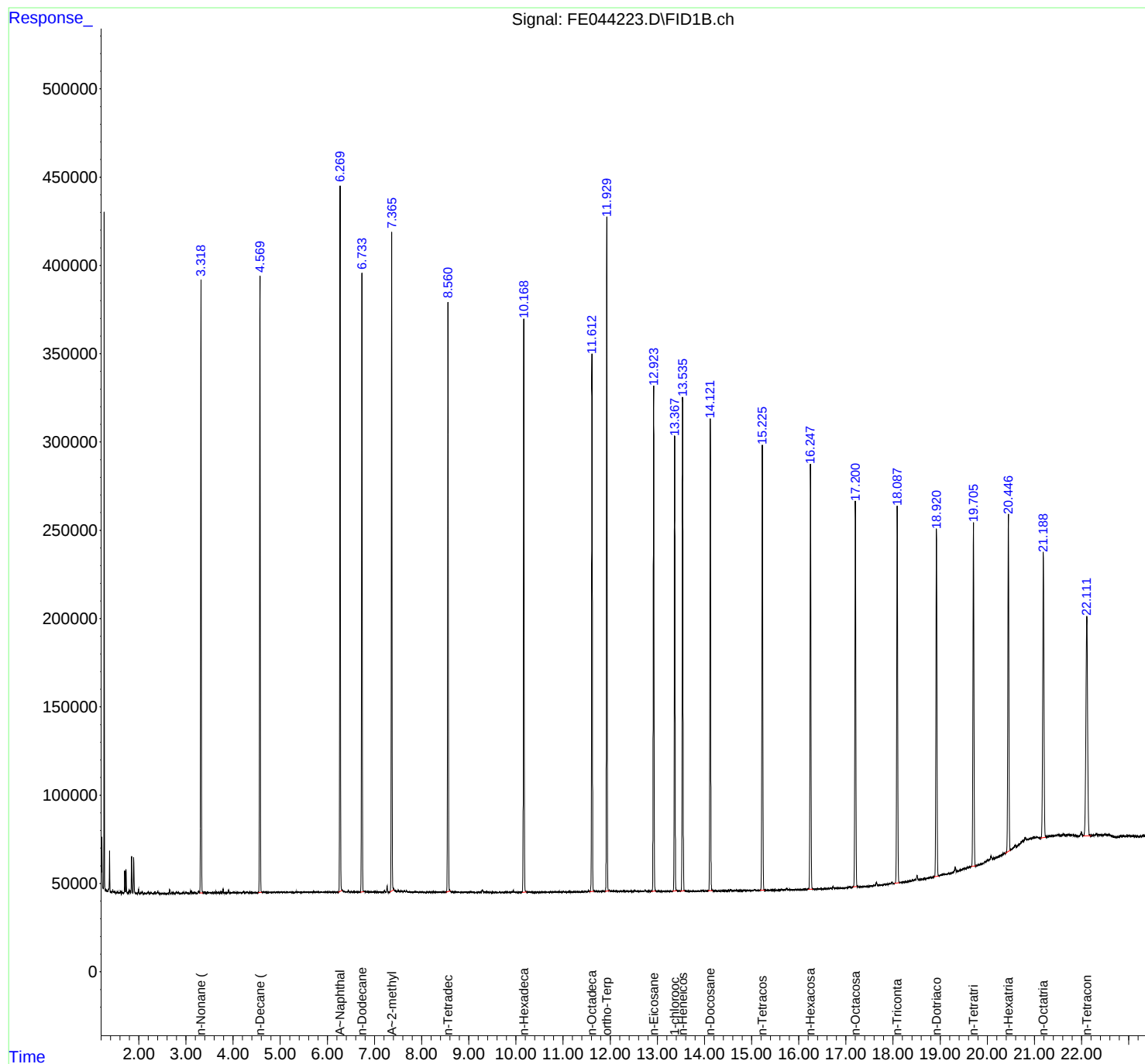
(m)=manual int.

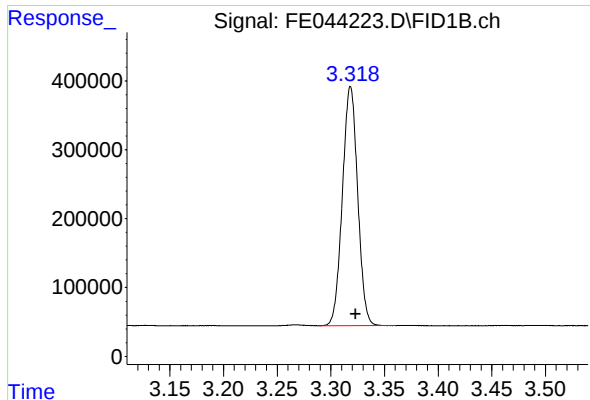
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Signal Info : 20M x 0.18mm x 0.18um

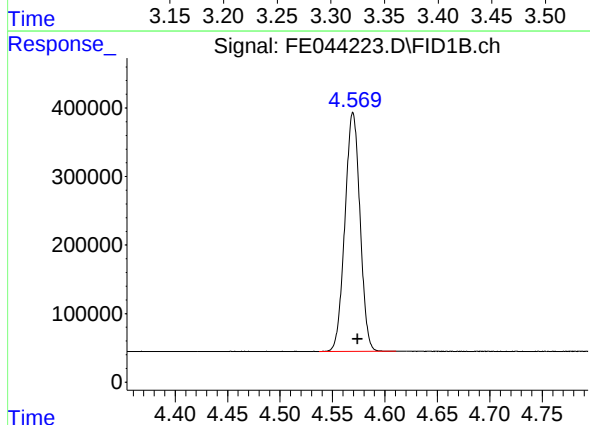




#1 n-Nonane (C9)

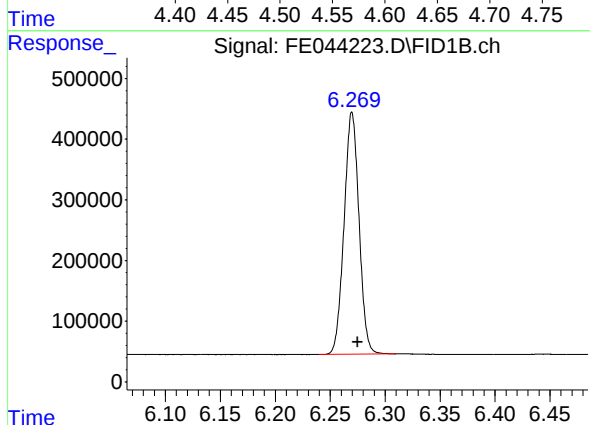
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 3438018
Conc: 21.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



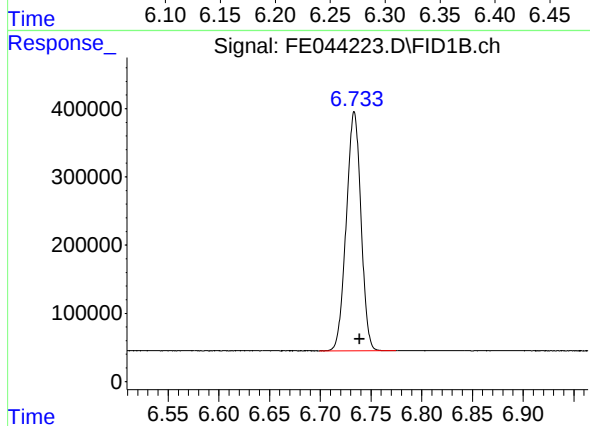
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 3490925
Conc: 21.00 ug/ml



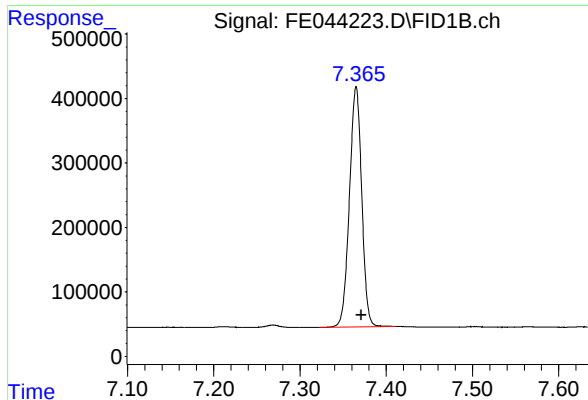
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.005 min
Response: 3781016
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

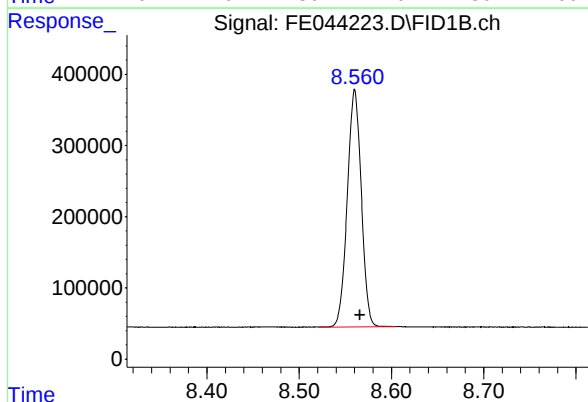
R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 3532762
Conc: 21.01 ug/ml



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

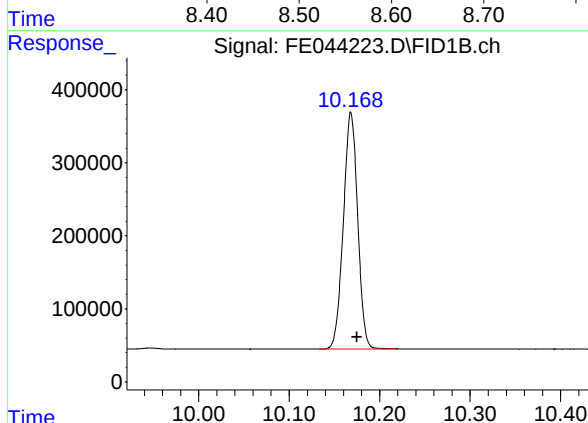
R.T.: 7.365 min
Delta R.T.: -0.006 min
Response: 3684992
Conc: 21.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



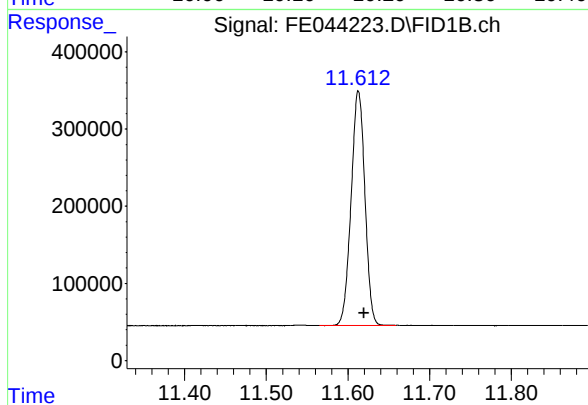
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.006 min
Response: 3508839
Conc: 20.92 ug/ml



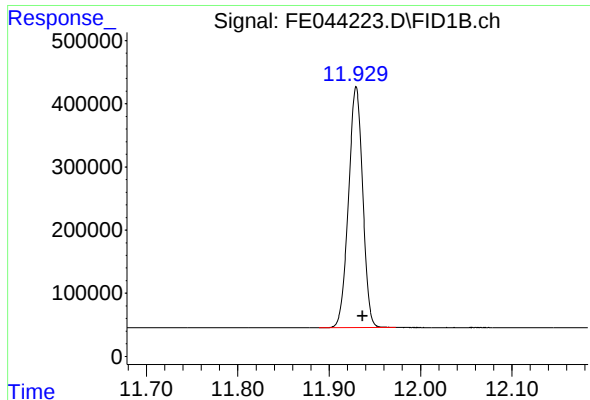
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.007 min
Response: 3567019
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

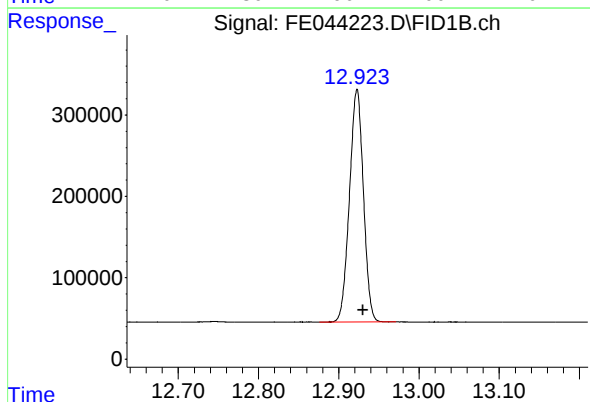
R.T.: 11.613 min
Delta R.T.: -0.007 min
Response: 3568423
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

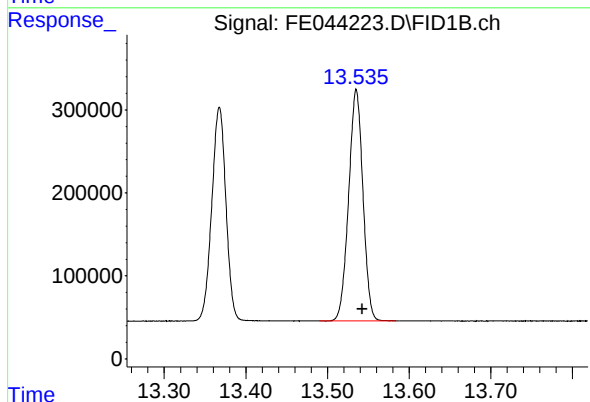
R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 4113452
Conc: 21.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



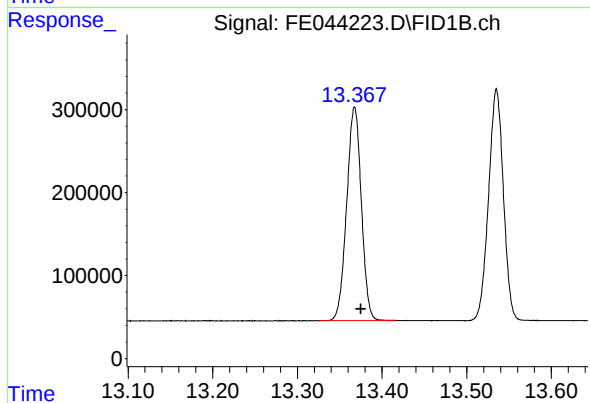
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 3451868
Conc: 20.87 ug/ml



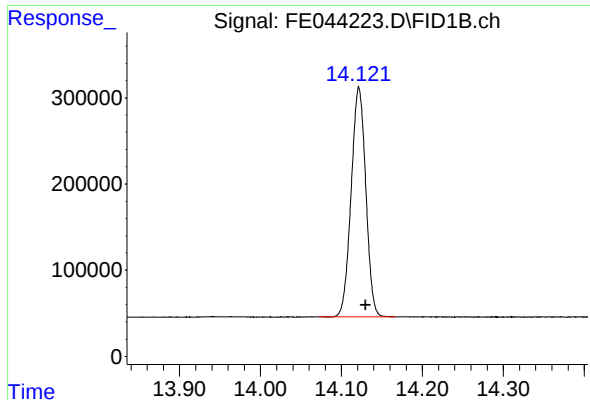
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.008 min
Response: 3389274
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

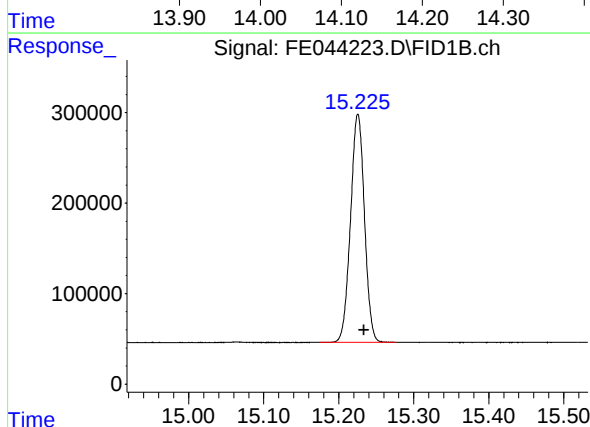
R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 3097814
Conc: 22.42 ug/ml



#13 n-Docosane (C22)

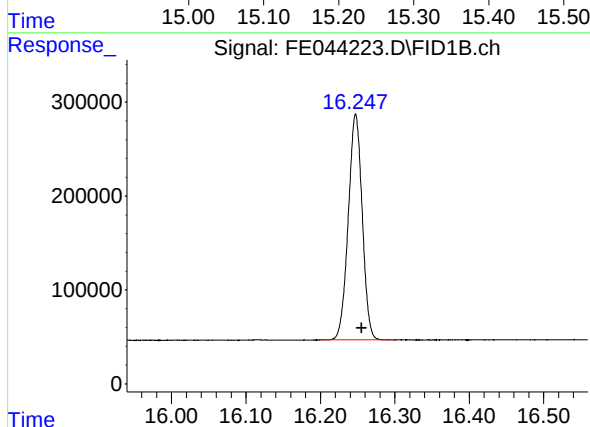
R.T.: 14.122 min
Delta R.T.: -0.009 min
Response: 3339724
Conc: 20.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



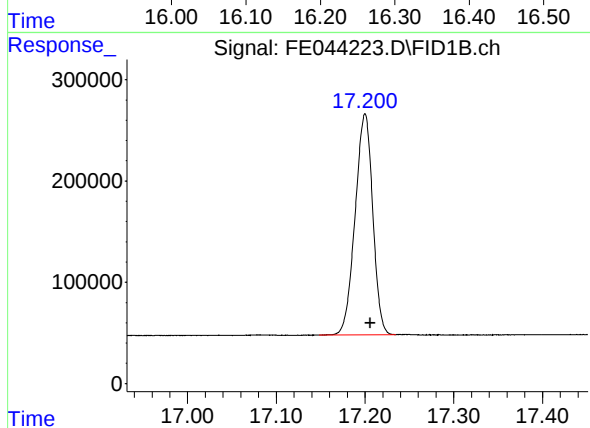
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.008 min
Response: 3252004
Conc: 20.80 ug/ml



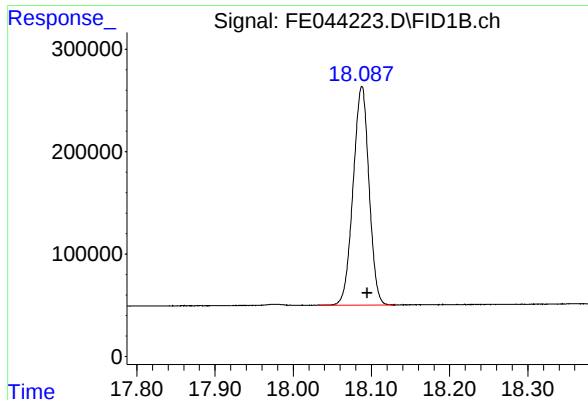
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.008 min
Response: 3137637
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

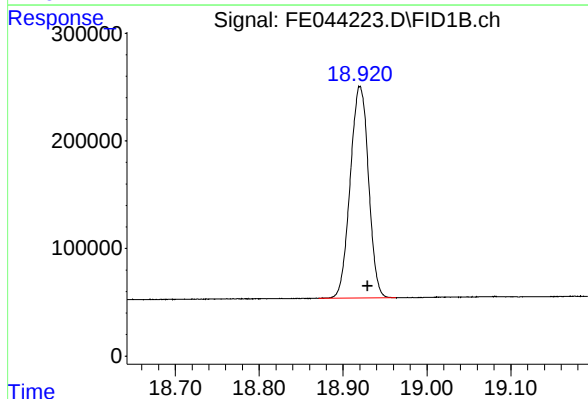
R.T.: 17.200 min
Delta R.T.: -0.006 min
Response: 3009807
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

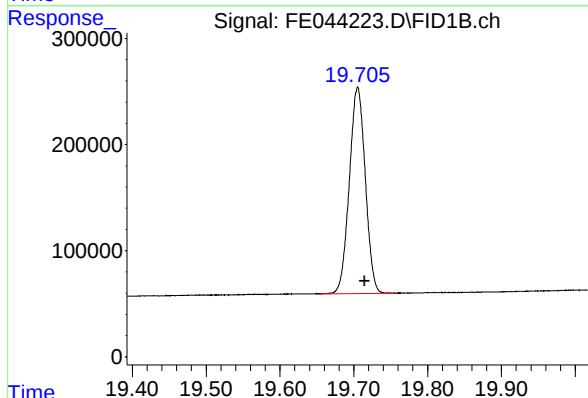
R.T.: 18.088 min
Delta R.T.: -0.007 min
Response: 3015313
Conc: 20.76 ug/ml

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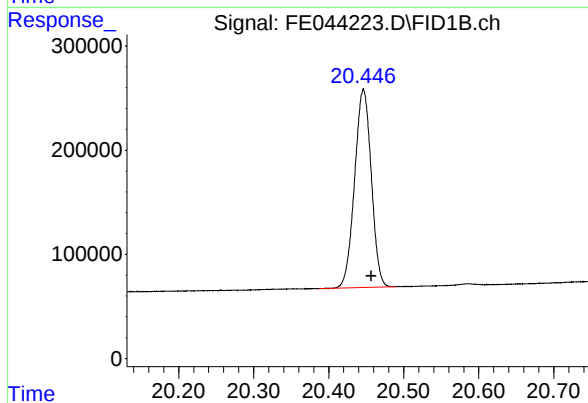
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.009 min
Response: 2978877
Conc: 20.91 ug/ml



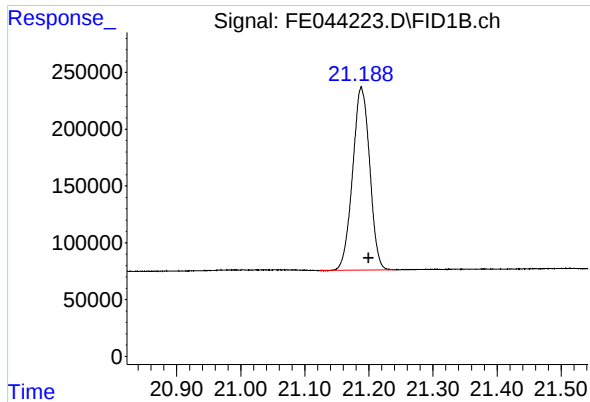
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.009 min
Response: 2917078
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

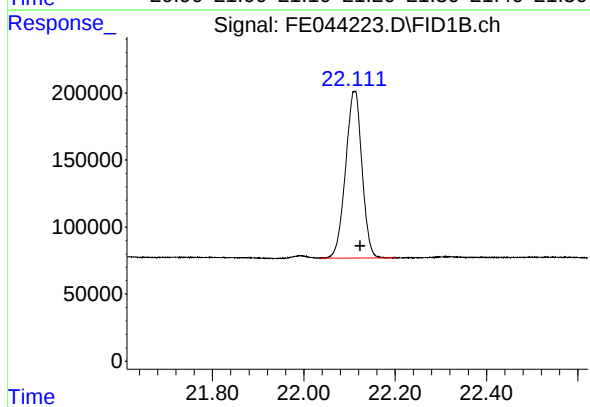
R.T.: 20.446 min
Delta R.T.: -0.010 min
Response: 2933373
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.012 min
Response: 2975133
Conc: 21.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: -0.013 min
Response: 3094251
Conc: 22.38 ug/ml