

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071423AL\
 Data File : FE043219.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 00:27
 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: Jul 14 01:59:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.901	3562277	19.894 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.338	2635632	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.279	3100346	20.306 ug/ml
2) T n-Decane (C10)	4.532	3176170	20.374 ug/ml
3) T A~Naphthalene (C11.7)	6.242	3323592	20.654 ug/ml
4) T n-Dodecane (C12)	6.703	3195094	20.277 ug/ml
5) T A~2-methylnaphthalene...	7.340	3133820	20.652 ug/ml
6) T n-Tetradecane (C14)	8.532	3182236	20.119 ug/ml
7) T n-Hexadecane (C16)	10.140	3242032	20.033 ug/ml
8) T n-Octadecane (C18)	11.582	3246877	19.917 ug/ml
10) T n-Eicosane (C20)	12.892	3085583	19.860 ug/ml
11) T n-Heneicosane (C21)	13.505	3011794	19.879 ug/ml
13) T n-Docosane (C22)	14.091	2960805	19.811 ug/ml
14) T n-Tetracosane (C24)	15.195	2898249	19.735 ug/ml
15) T n-Hexacosane (C26)	16.216	2815085	19.765 ug/ml
16) T n-Octacosane (C28)	17.165	2756504	19.591 ug/ml
17) T n-Tricontane (C30)	18.054	2852557	19.364 ug/ml
18) T n-Dotriacontane (C32)	18.887	2864859	19.334 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2831946	19.623 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2781571	18.925 ug/ml
21) T n-Octatriacontane (C38)	21.151	2669456	18.713 ug/ml
22) T n-Tetracontane (C40)	22.064	3121454	21.150 ug/ml

(f)=RT Delta > 1/2 Window

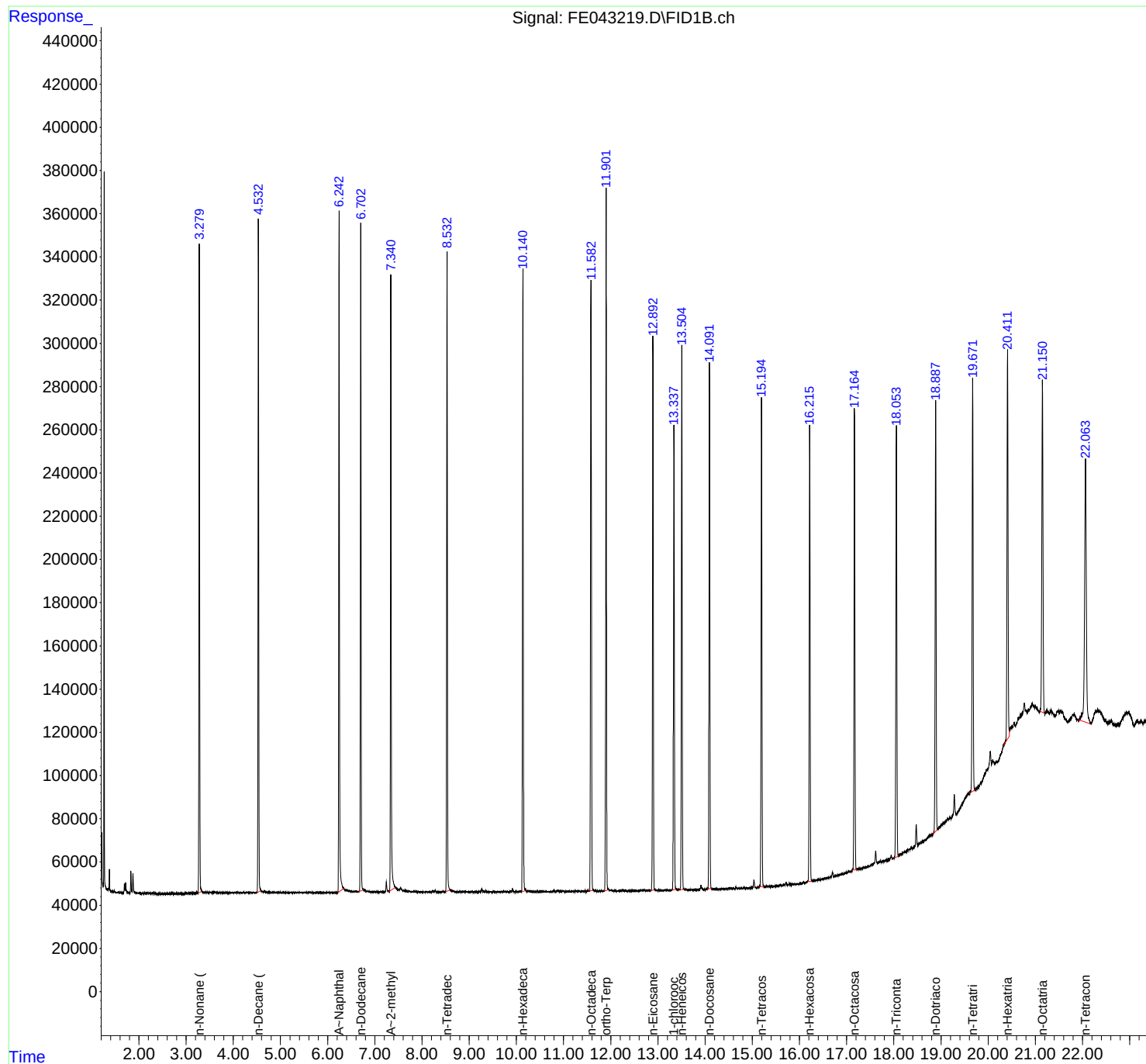
(m)=manual int.

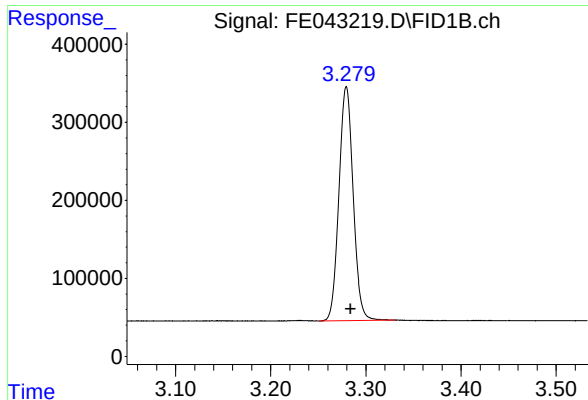
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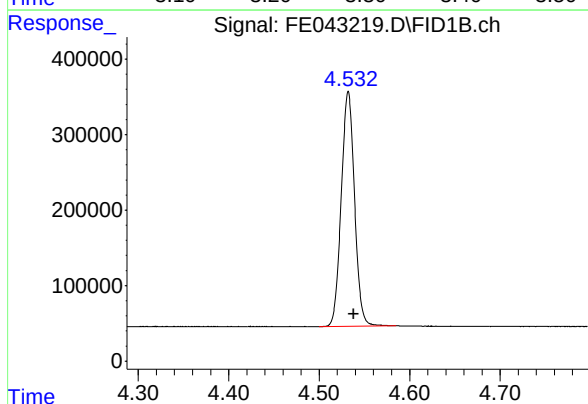




#1 n-Nonane (C9)

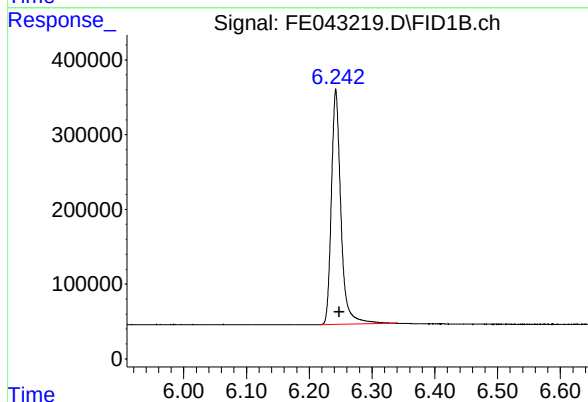
R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3100346
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



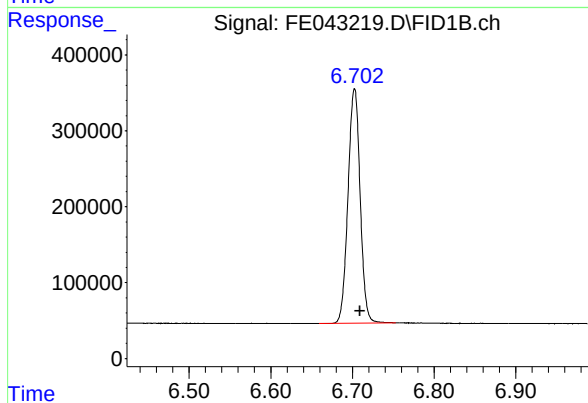
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 3176170
Conc: 20.37 ug/ml



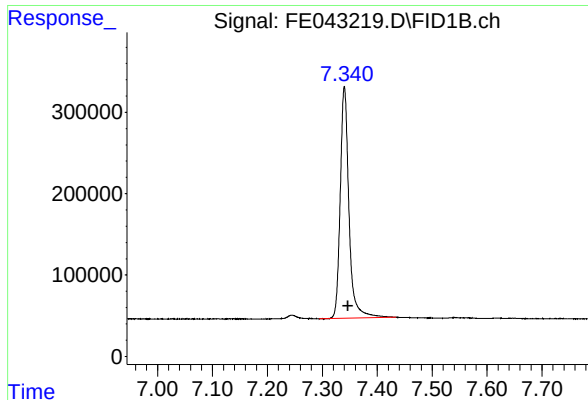
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 3323592
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

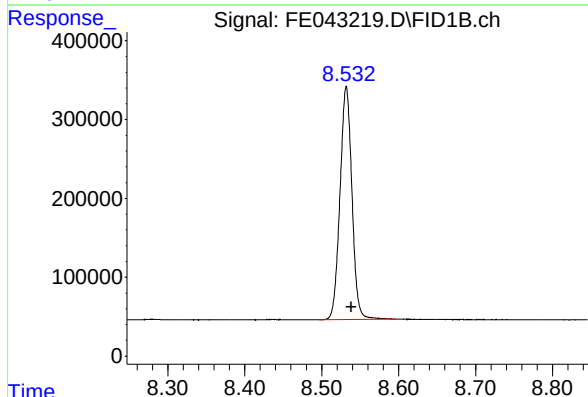
R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 3195094
Conc: 20.28 ug/ml



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

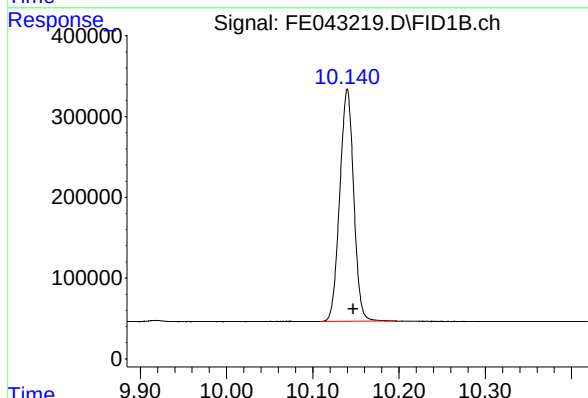
R.T.: 7.340 min
Delta R.T.: -0.006 min
Response: 3133820
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



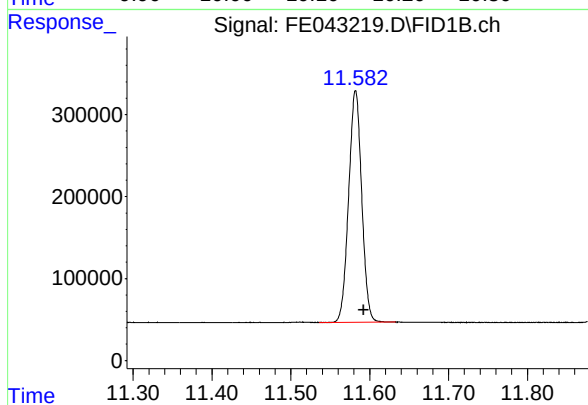
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.006 min
Response: 3182236
Conc: 20.12 ug/ml



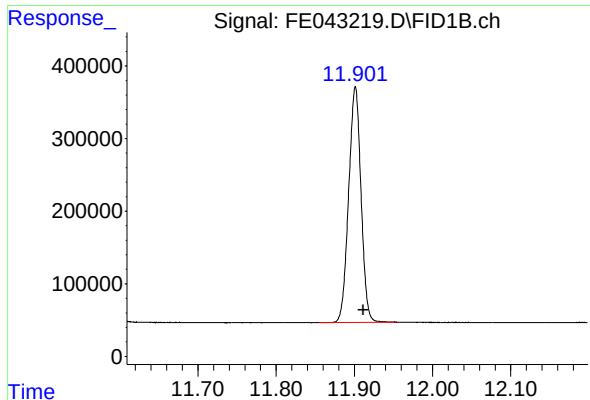
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.007 min
Response: 3242032
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

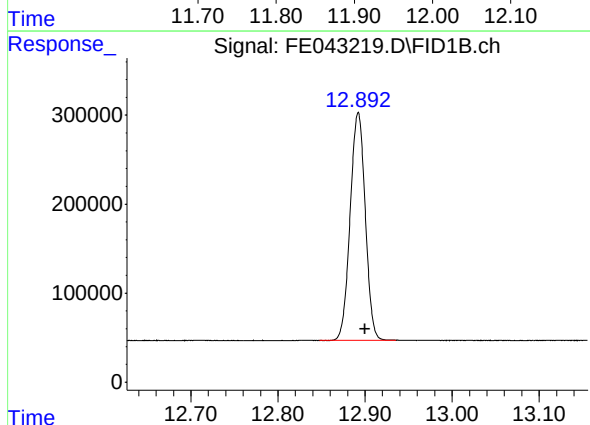
R.T.: 11.582 min
Delta R.T.: -0.010 min
Response: 3246877
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

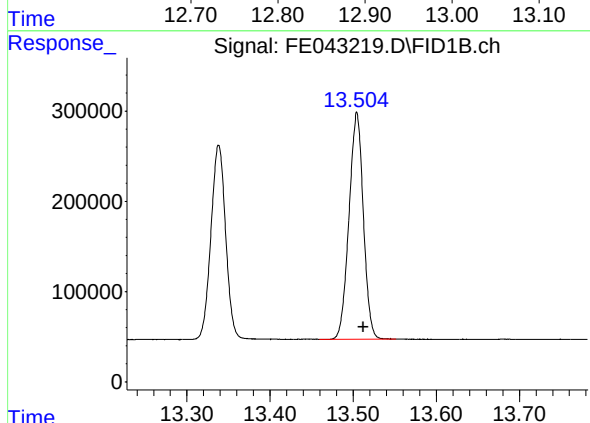
R.T.: 11.901 min
Delta R.T.: -0.010 min
Response: 3562277
Conc: 19.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



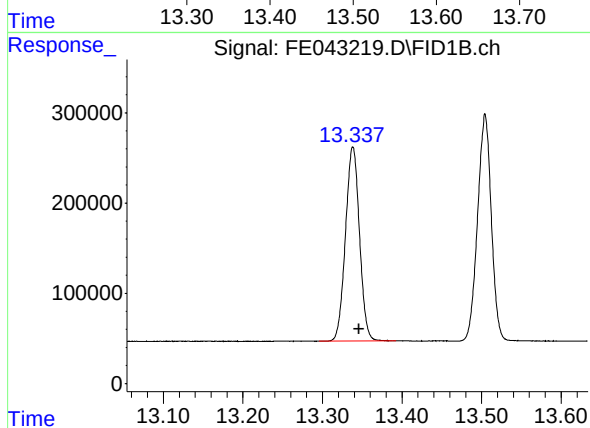
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.007 min
Response: 3085583
Conc: 19.86 ug/ml



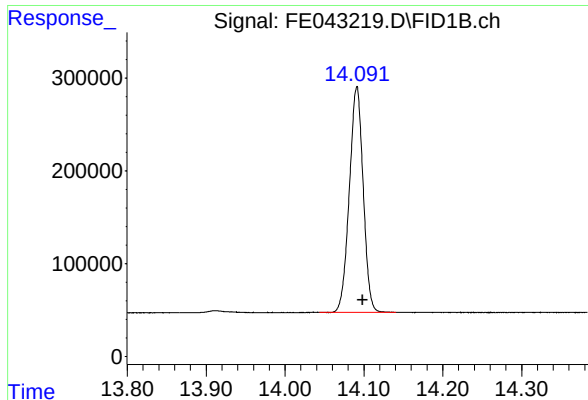
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.008 min
Response: 3011794
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

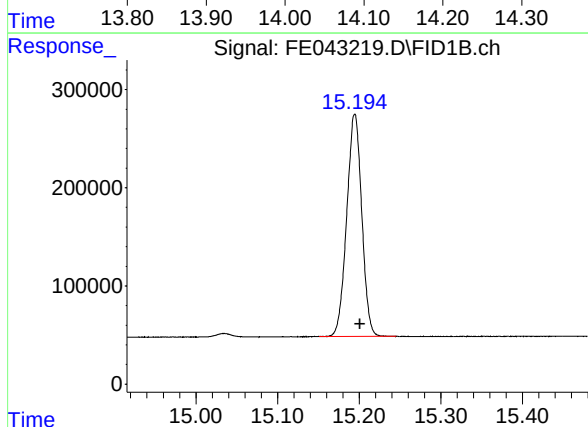
R.T.: 13.338 min
Delta R.T.: -0.008 min
Response: 2635632
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

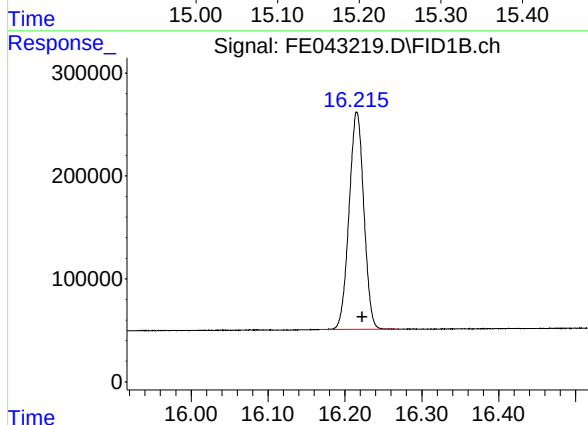
R.T.: 14.091 min
Delta R.T.: -0.007 min
Response: 2960805
Conc: 19.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



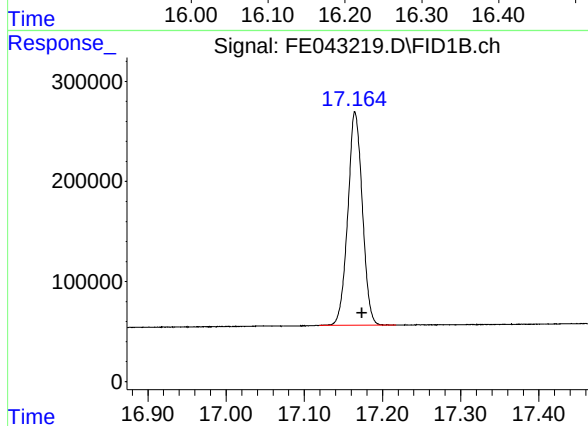
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.006 min
Response: 2898249
Conc: 19.73 ug/ml



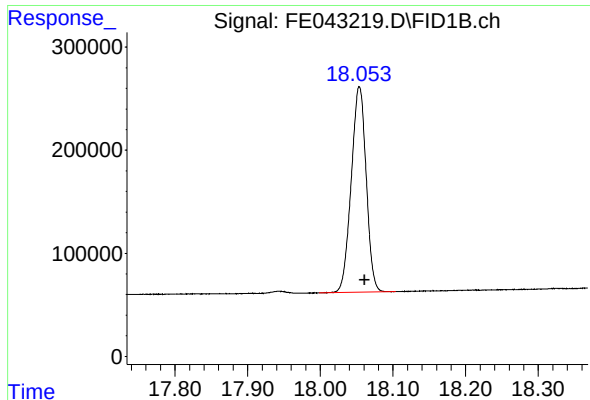
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.007 min
Response: 2815085
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

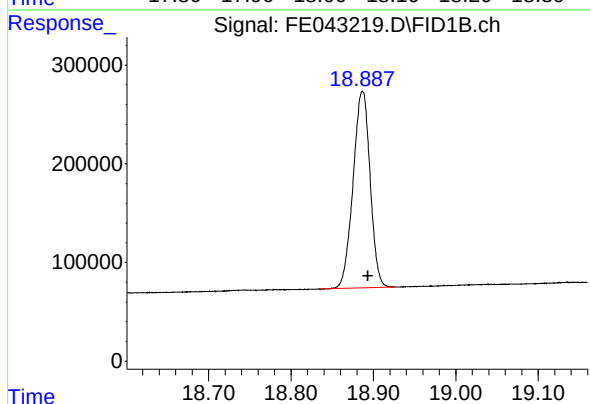
R.T.: 17.165 min
Delta R.T.: -0.009 min
Response: 2756504
Conc: 19.59 ug/ml



#17 n-Tricontane (C30)

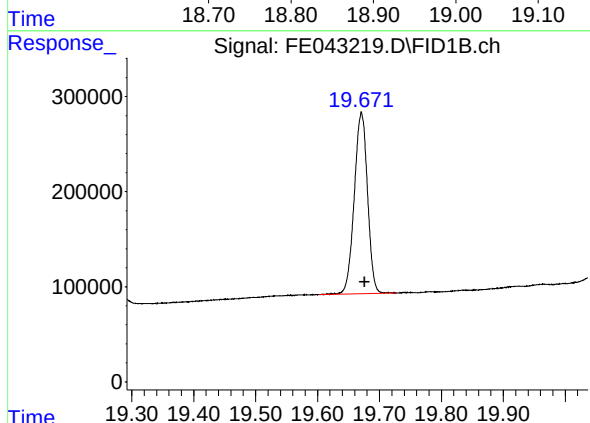
R.T.: 18.054 min
Delta R.T.: -0.007 min
Response: 2852557
Conc: 19.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



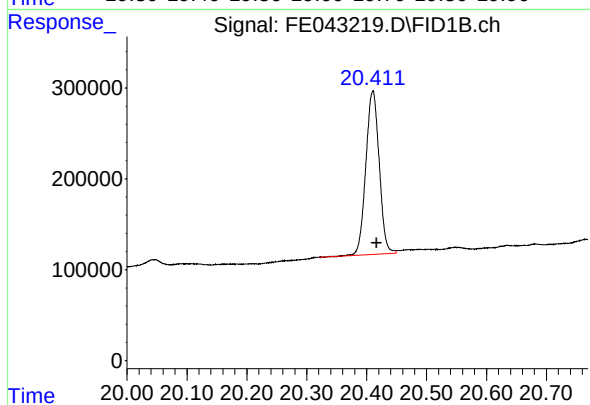
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.007 min
Response: 2864859
Conc: 19.33 ug/ml



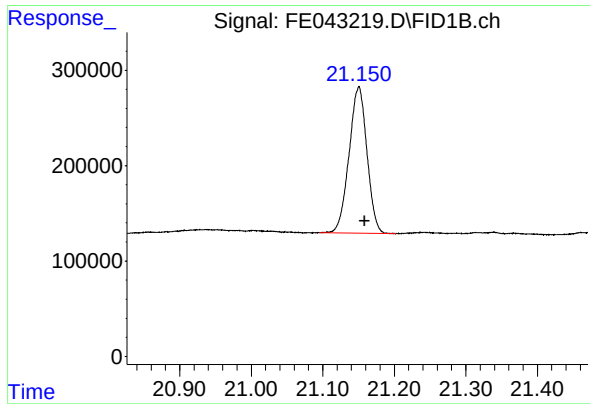
#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.005 min
Response: 2831946
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

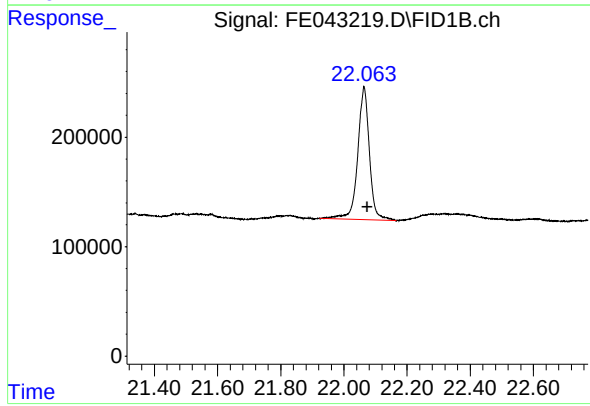
R.T.: 20.410 min
Delta R.T.: -0.006 min
Response: 2781571
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.008 min
Response: 2669456
Conc: 18.71 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.010 min
Response: 3121454
Conc: 21.15 ug/ml