

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
 Data File : FE042952.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 08:40
 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: Jun 27 15:47:18 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)	11.917	3444734	18.752 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.354	2550409	18.740 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.294	3007587	19.470 ug/ml
2) T n-Decane (C10)	4.546	3063527	19.395 ug/ml
3) T A~Naphthalene (C11.7)	6.256	3274618	19.339 ug/ml
4) T n-Dodecane (C12)	6.716	3096872	19.347 ug/ml
5) T A~2-methylnaphthalene...	7.354	3119330	19.239 ug/ml
6) T n-Tetradecane (C14)	8.546	3073541	19.312 ug/ml
7) T n-Hexadecane (C16)	10.154	3163741	19.209 ug/ml
8) T n-Octadecane (C18)	11.598	3159724	19.010 ug/ml
10) T n-Eicosane (C20)	12.908	2992975	18.861 ug/ml
11) T n-Heneicosane (C21)	13.520	2913032	18.829 ug/ml
13) T n-Docosane (C22)	14.107	2859296	18.770 ug/ml
14) T n-Tetracosane (C24)	15.210	2800632	18.876 ug/ml
15) T n-Hexacosane (C26)	16.231	2721370	19.036 ug/ml
16) T n-Octacosane (C28)	17.181	2682388	19.340 ug/ml
17) T n-Tricontane (C30)	18.069	2793460	19.752 ug/ml
18) T n-Dotriacontane (C32)	18.902	2799771	19.961 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2742172	20.038 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2686177	20.086 ug/ml
21) T n-Octatriacontane (C38)	21.168	2746050	20.141 ug/ml
22) T n-Tetracontane (C40)	22.091	2831311	20.350 ug/ml

(f)=RT Delta > 1/2 Window

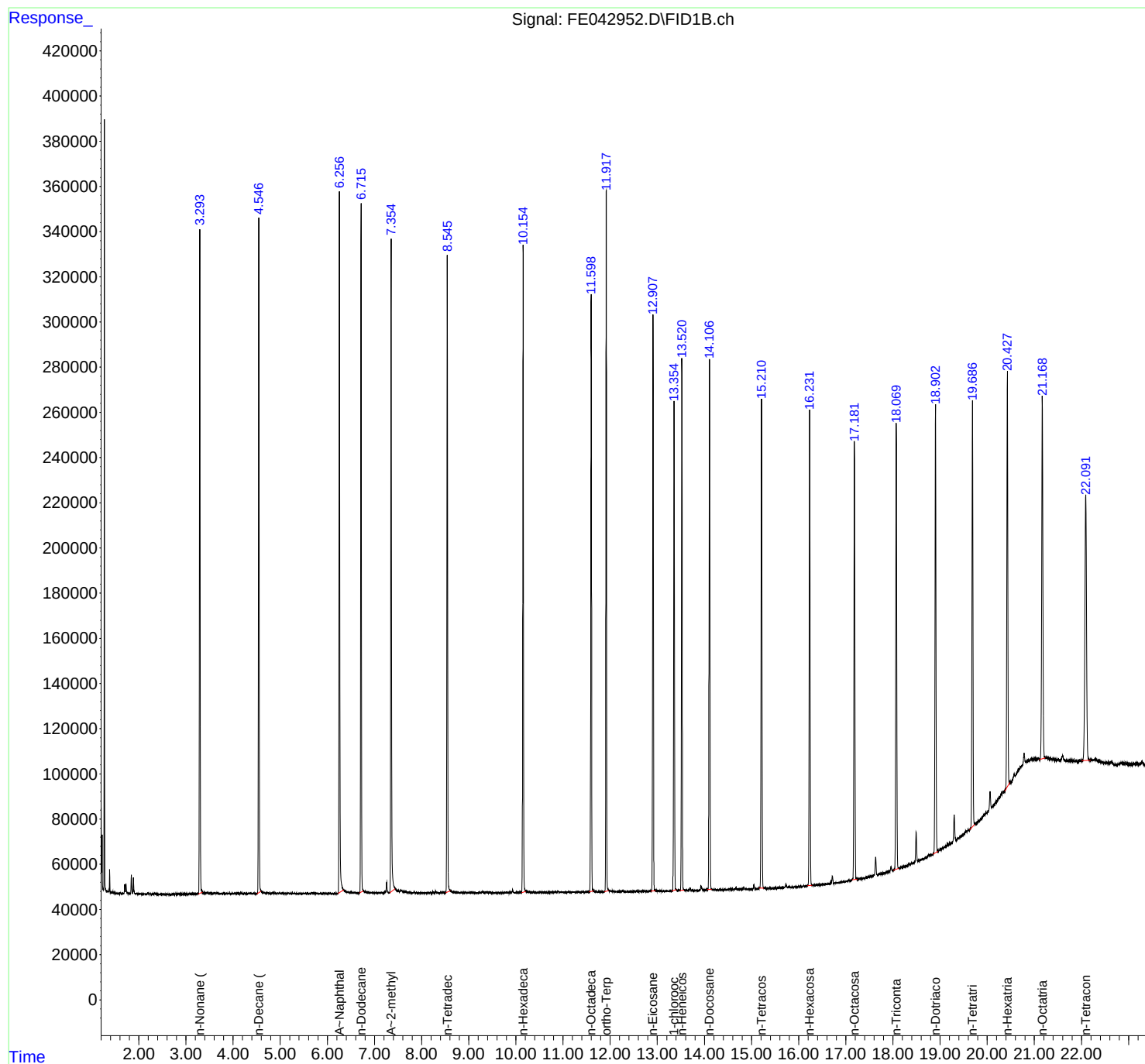
(m)=manual int.

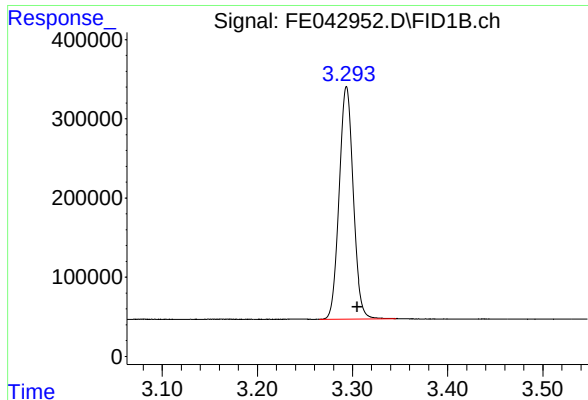
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
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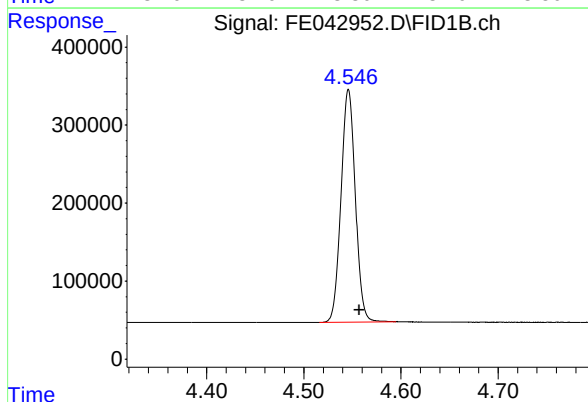




#1 n-Nonane (C9)

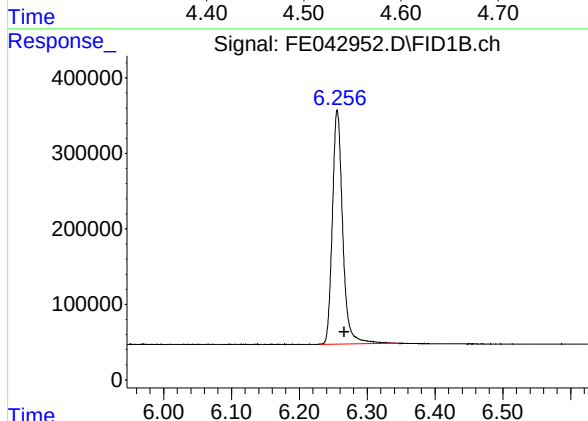
R.T.: 3.294 min
Delta R.T.: -0.011 min
Response: 3007587
Conc: 19.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



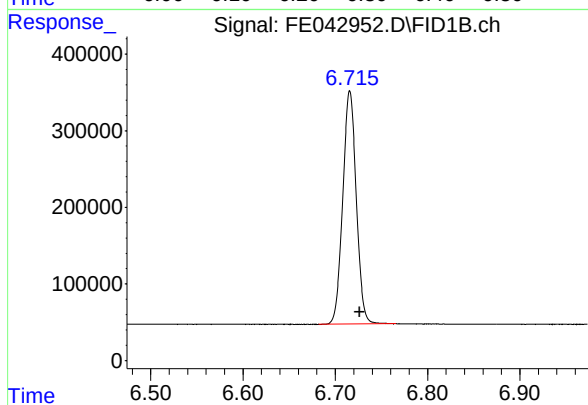
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.011 min
Response: 3063527
Conc: 19.39 ug/ml



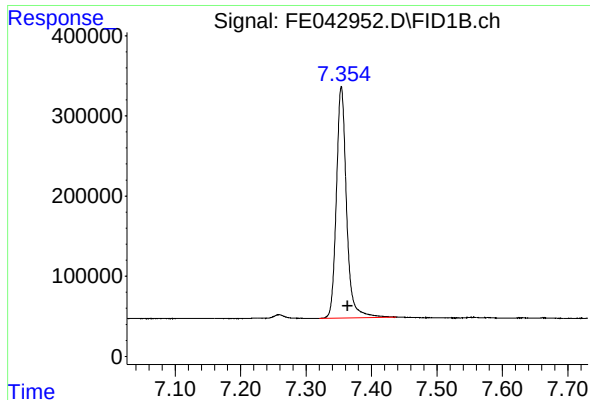
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: -0.010 min
Response: 3274618
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

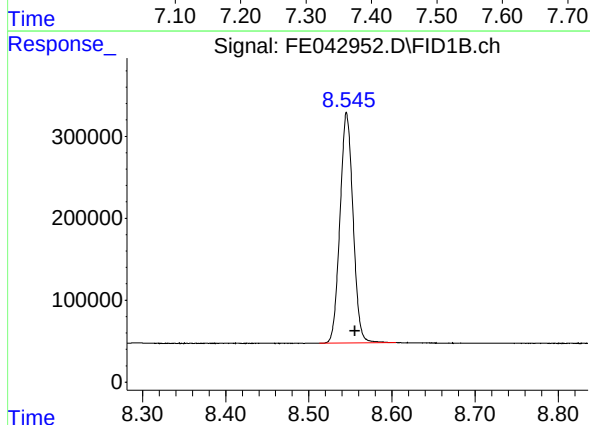
R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 3096872
Conc: 19.35 ug/ml



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

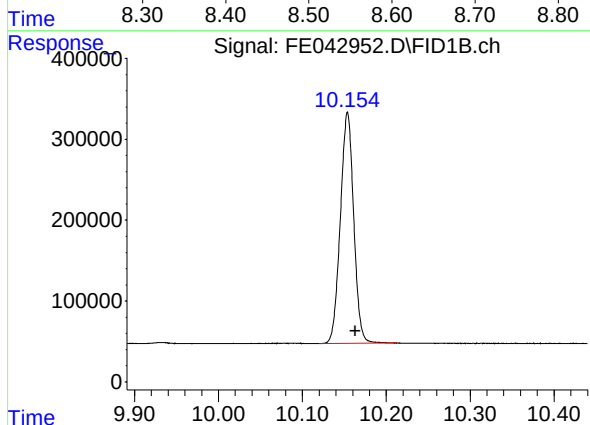
R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 3119330
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



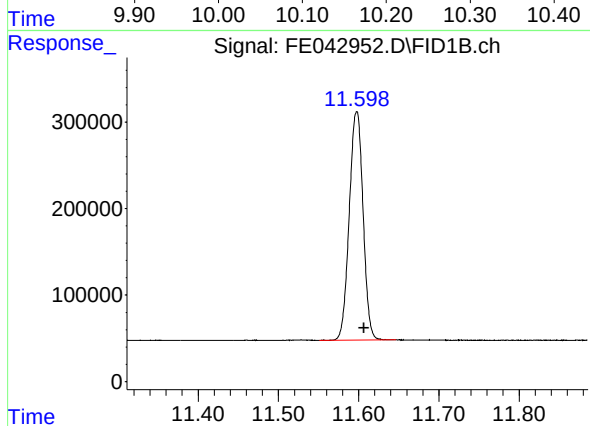
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.010 min
Response: 3073541
Conc: 19.31 ug/ml



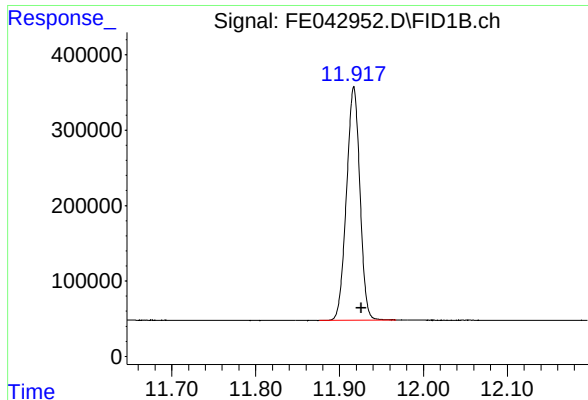
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.009 min
Response: 3163741
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

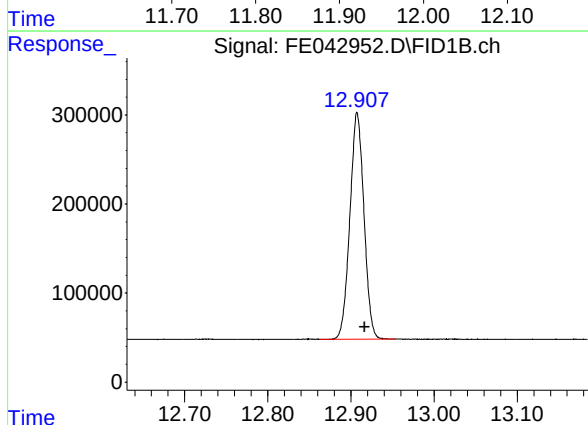
R.T.: 11.598 min
Delta R.T.: -0.009 min
Response: 3159724
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

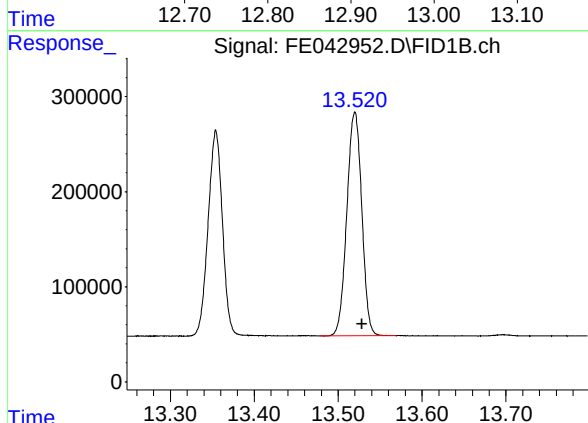
R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 3444734
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



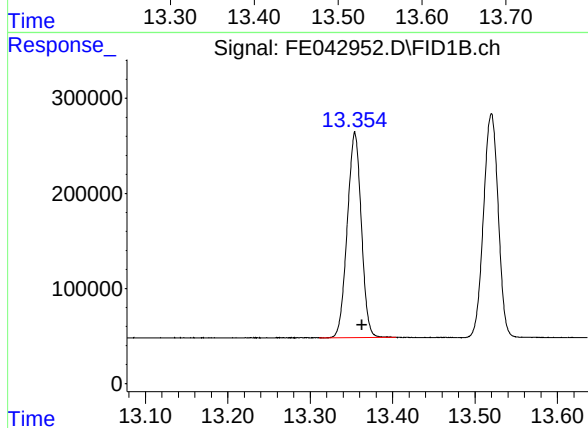
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.009 min
Response: 2992975
Conc: 18.86 ug/ml



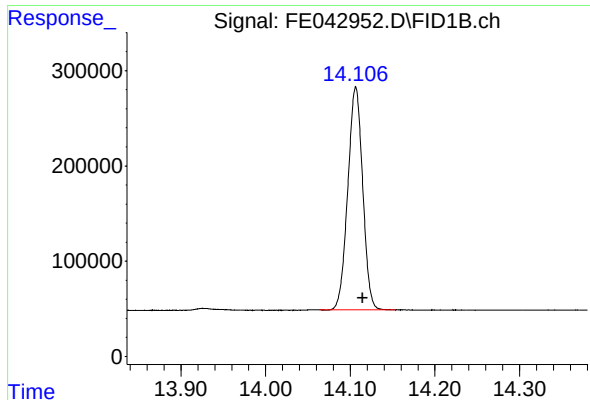
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.008 min
Response: 2913032
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

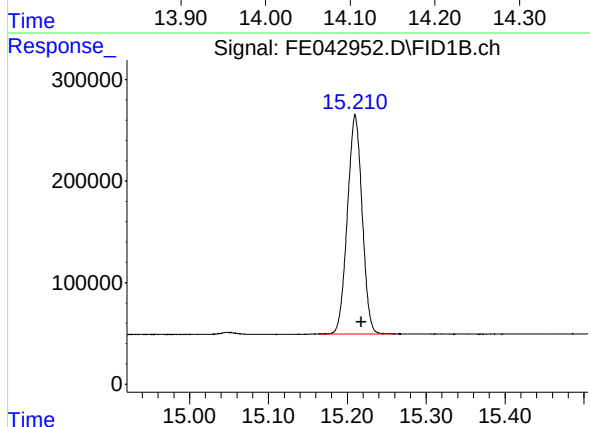
R.T.: 13.354 min
Delta R.T.: -0.008 min
Response: 2550409
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

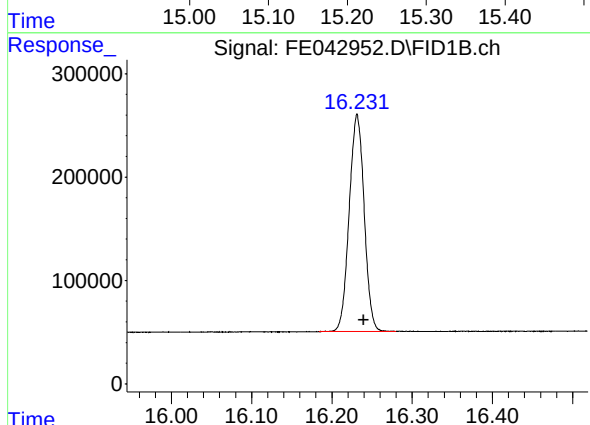
R.T.: 14.107 min
Delta R.T.: -0.008 min
Response: 2859296
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



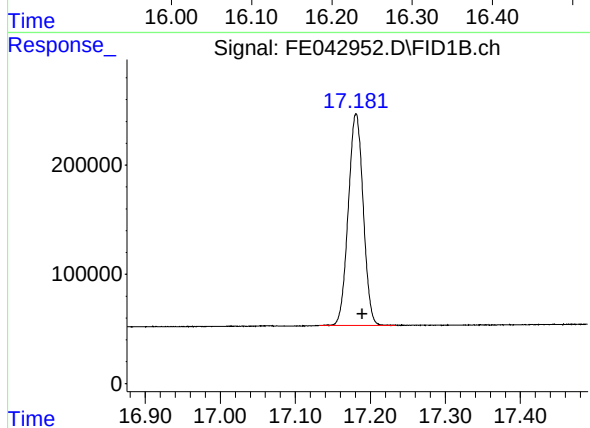
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.008 min
Response: 2800632
Conc: 18.88 ug/ml



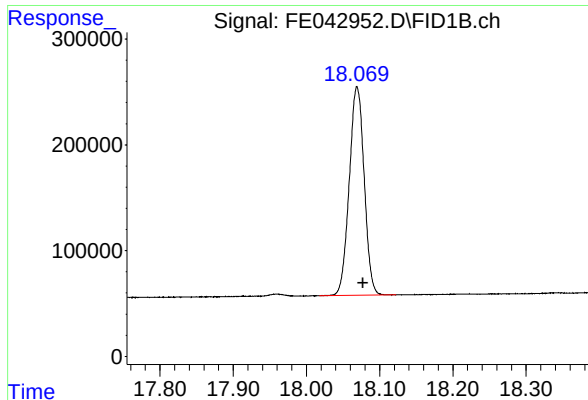
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.008 min
Response: 2721370
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

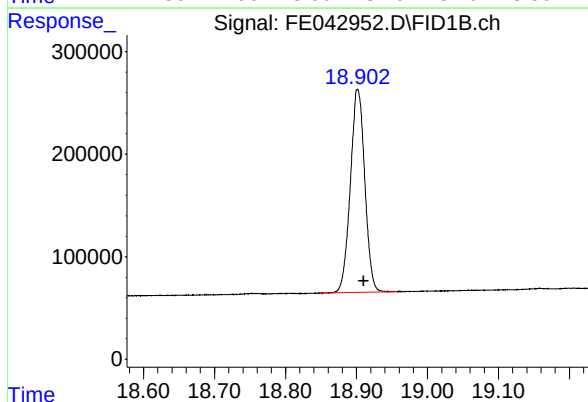
R.T.: 17.181 min
Delta R.T.: -0.008 min
Response: 2682388
Conc: 19.34 ug/ml



#17 n-Tricontane (C30)

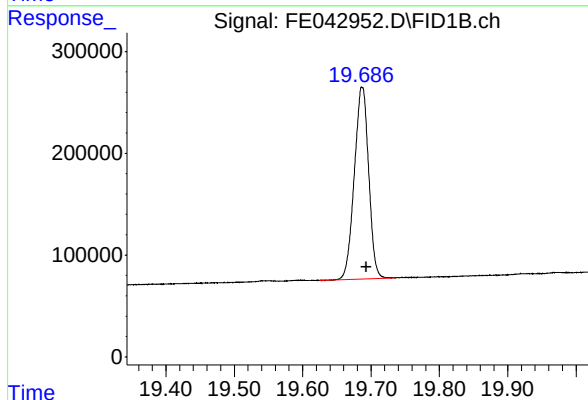
R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 2793460
Conc: 19.75 ug/ml

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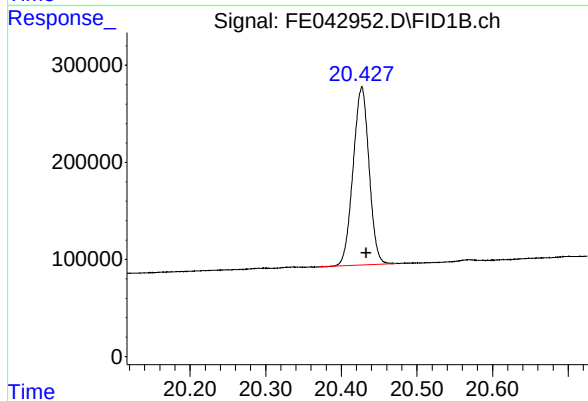
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.009 min
Response: 2799771
Conc: 19.96 ug/ml



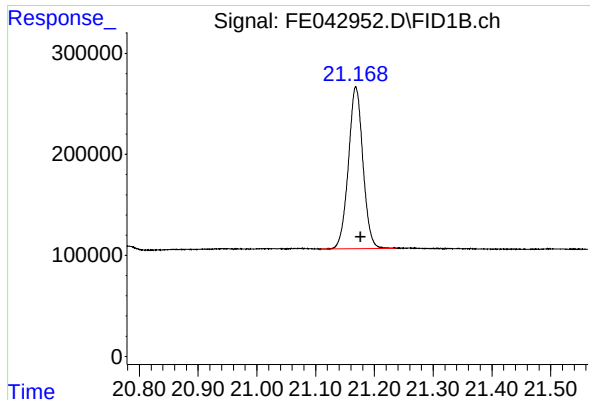
#19 n-Tetatriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.006 min
Response: 2742172
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

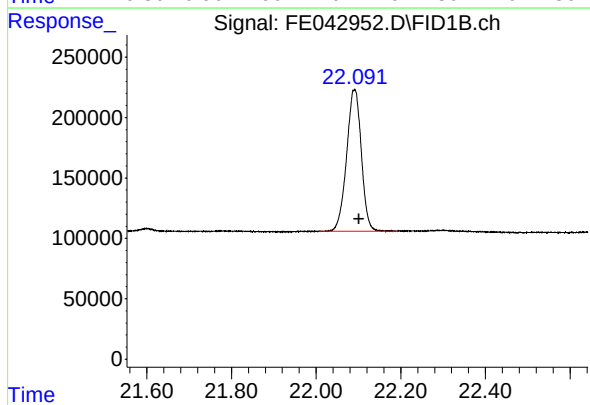
R.T.: 20.427 min
Delta R.T.: -0.006 min
Response: 2686177
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.008 min
Response: 2746050
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.010 min
Response: 2831311
Conc: 20.35 ug/ml