

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE043987.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 14:02
 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: Aug 16 23:37:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.951	3791051	18.397 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.388	2834243	18.163 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.340	3210973	19.884 ug/ml
2) T n-Decane (C10)	4.591	3297591	20.008 ug/ml
3) T A~Naphthalene (C11.7)	6.292	3623206	19.900 ug/ml
4) T n-Dodecane (C12)	6.754	3351598	20.026 ug/ml
5) T A~2-methylnaphthalene...	7.387	3503072	19.677 ug/ml
6) T n-Tetradecane (C14)	8.580	3347052	19.866 ug/ml
7) T n-Hexadecane (C16)	10.188	3441527	19.510 ug/ml
8) T n-Octadecane (C18)	11.633	3456441	19.081 ug/ml
10) T n-Eicosane (C20)	12.943	3290696	18.595 ug/ml
11) T n-Heneicosane (C21)	13.556	3211412	18.137 ug/ml
13) T n-Docosane (C22)	14.142	3161129	18.022 ug/ml
14) T n-Tetracosane (C24)	15.245	3100539	17.647 ug/ml
15) T n-Hexacosane (C26)	16.268	2992805	17.316 ug/ml
16) T n-Octacosane (C28)	17.218	2855121	17.064 ug/ml
17) T n-Tricontane (C30)	18.107	2865112	17.298 ug/ml
18) T n-Dotriacontane (C32)	18.941	2784919	17.638 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2737517	18.422 ug/ml
20) T n-Hexatriacontane (C36)	20.468	2672322	19.118 ug/ml
21) T n-Octatriacontane (C38)	21.214	2708656	20.304 ug/ml
22) T n-Tetracontane (C40)	22.143	2971024	23.026 ug/ml

(f)=RT Delta > 1/2 Window

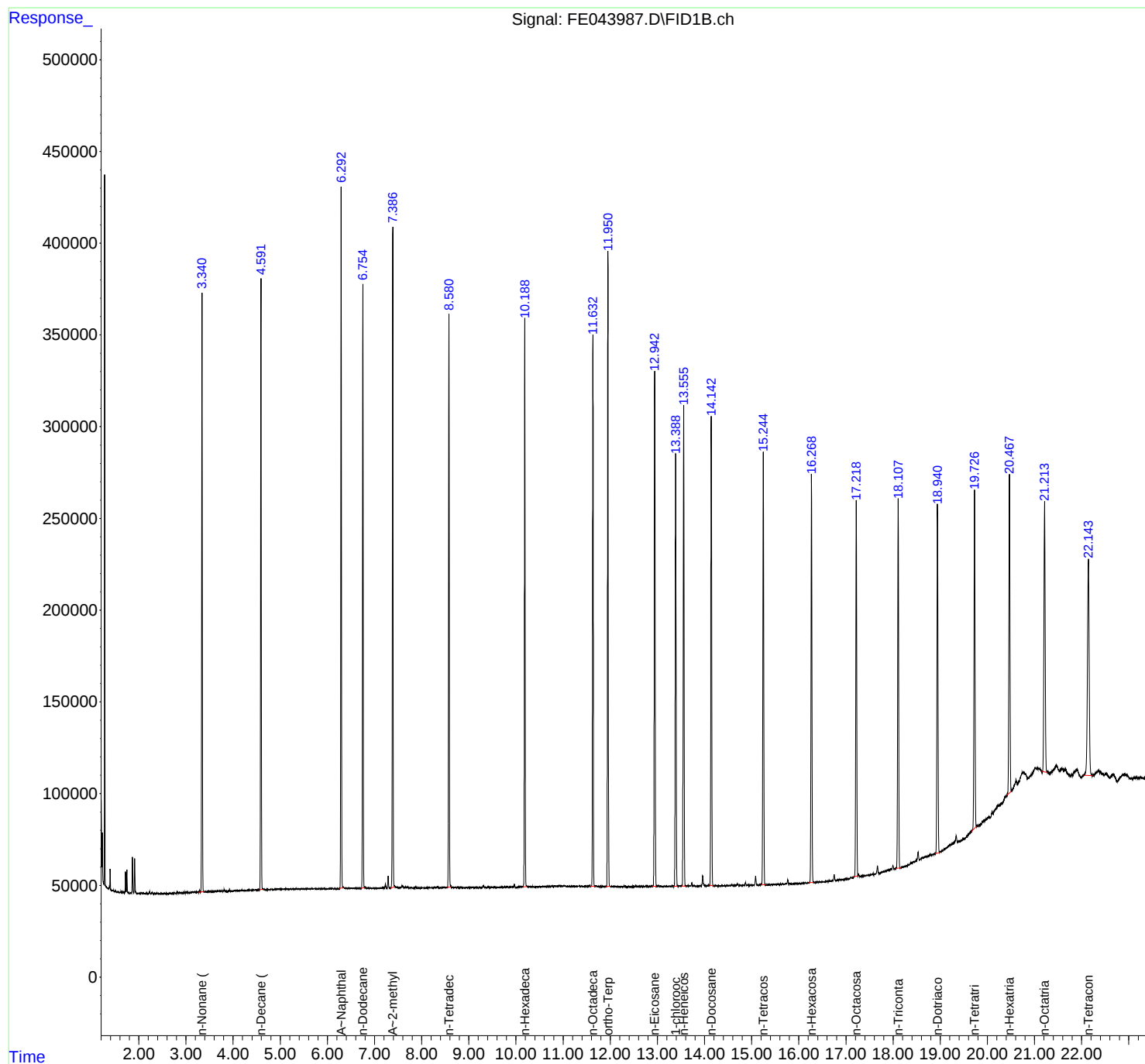
(m)=manual int.

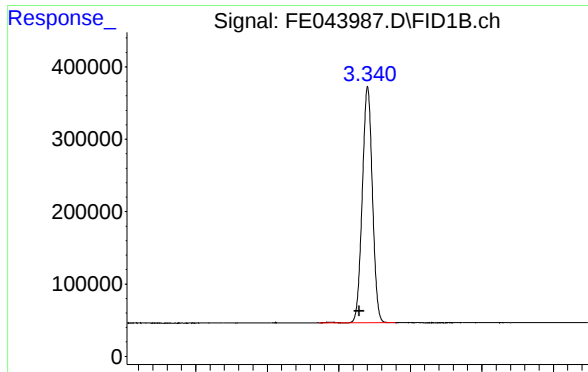
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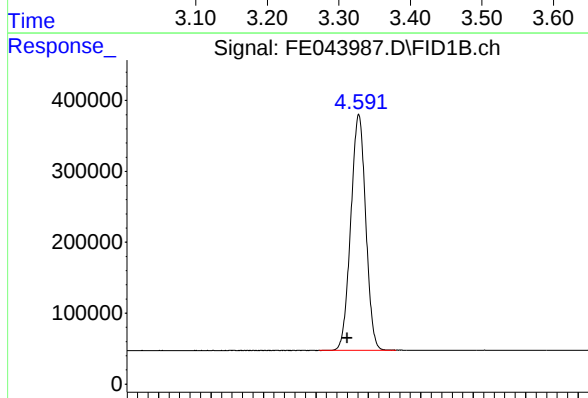




#1 n-Nonane (C9)

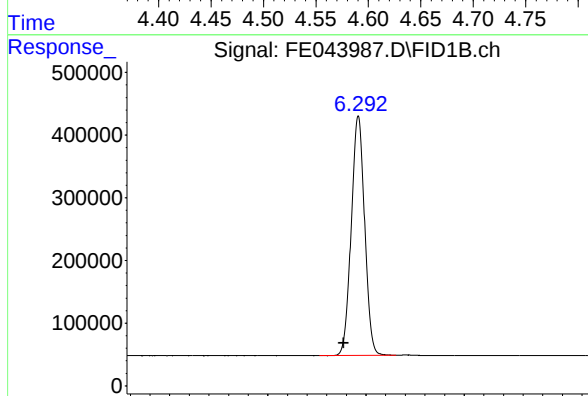
R.T.: 3.340 min
Delta R.T.: 0.011 min
Response: 3210973
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



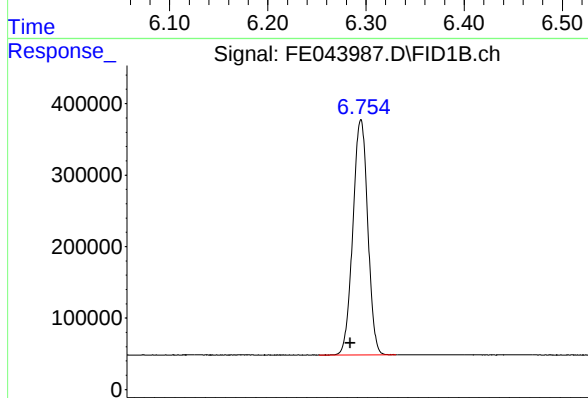
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.011 min
Response: 3297591
Conc: 20.01 ug/ml



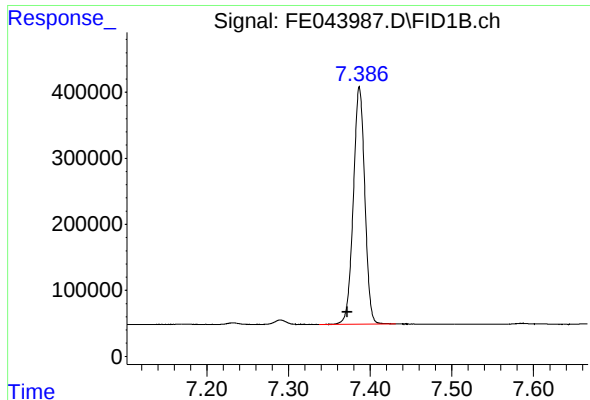
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: 0.015 min
Response: 3623206
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

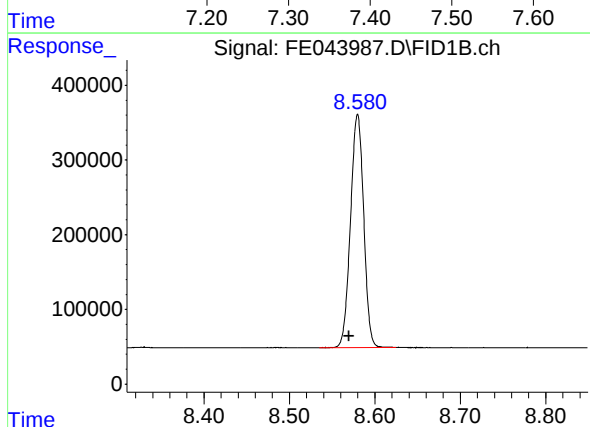
R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 3351598
Conc: 20.03 ug/ml



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

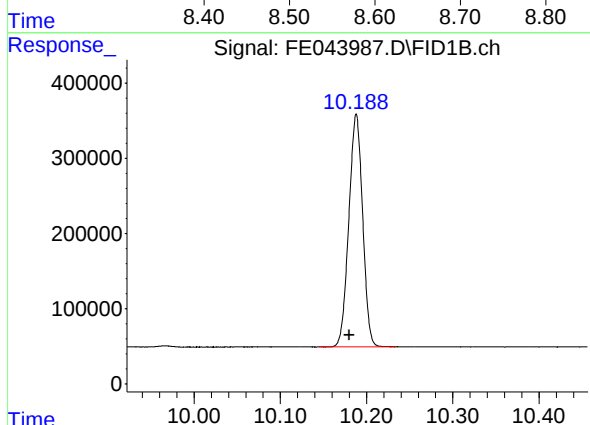
R.T.: 7.387 min
Delta R.T.: 0.015 min
Response: 3503072
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



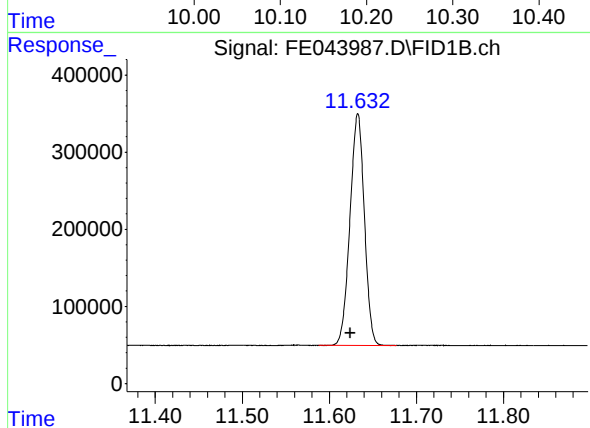
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: 0.010 min
Response: 3347052
Conc: 19.87 ug/ml



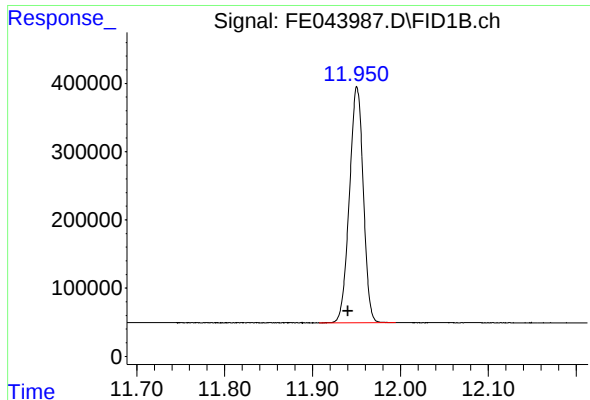
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: 0.008 min
Response: 3441527
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

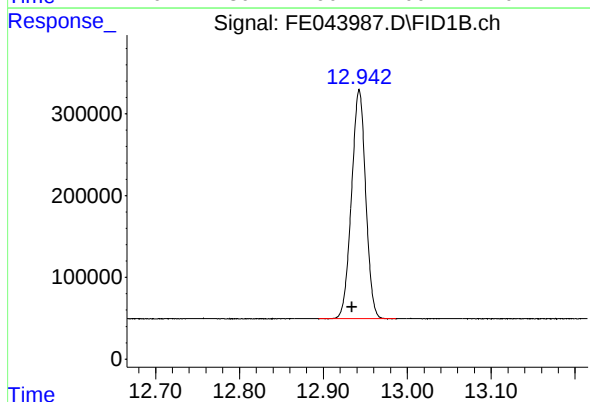
R.T.: 11.633 min
Delta R.T.: 0.009 min
Response: 3456441
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

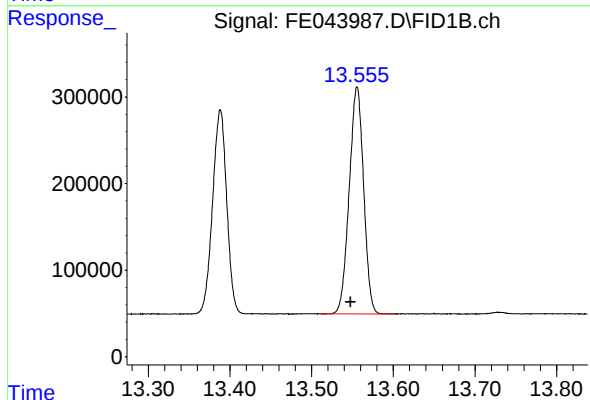
R.T.: 11.951 min
Delta R.T.: 0.010 min
Response: 3791051
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



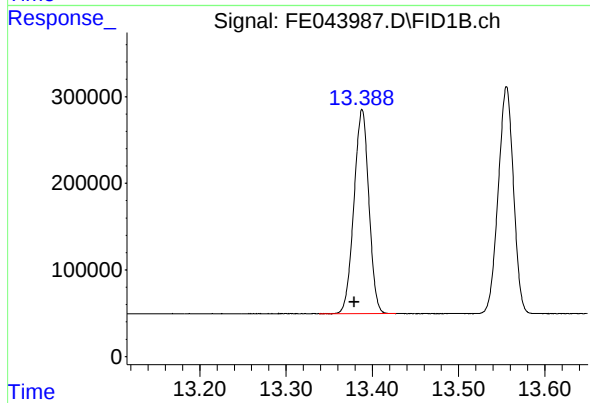
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.008 min
Response: 3290696
Conc: 18.59 ug/ml



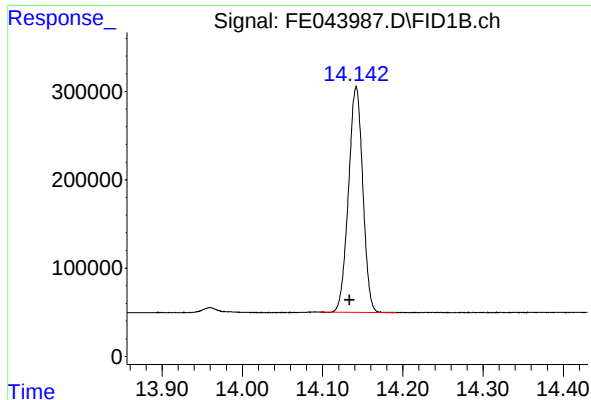
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 3211412
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

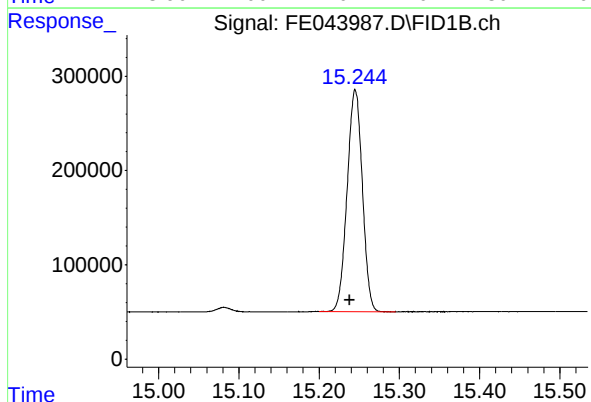
R.T.: 13.388 min
Delta R.T.: 0.009 min
Response: 2834243
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

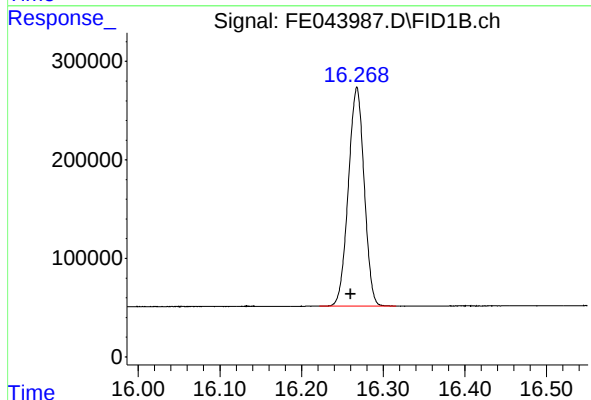
R.T.: 14.142 min
Delta R.T.: 0.008 min
Response: 3161129
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



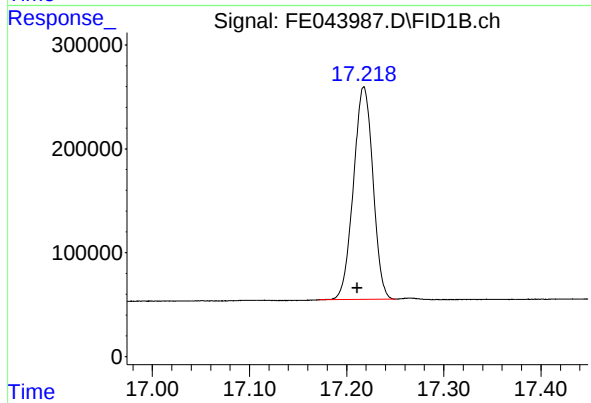
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.007 min
Response: 3100539
Conc: 17.65 ug/ml



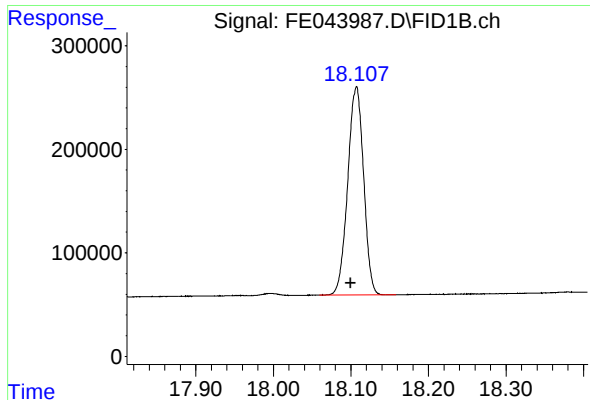
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: 0.008 min
Response: 2992805
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

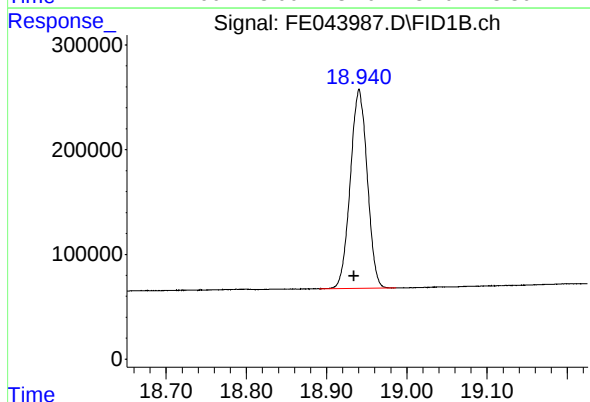
R.T.: 17.218 min
Delta R.T.: 0.007 min
Response: 2855121
Conc: 17.06 ug/ml



#17 n-Tricontane (C30)

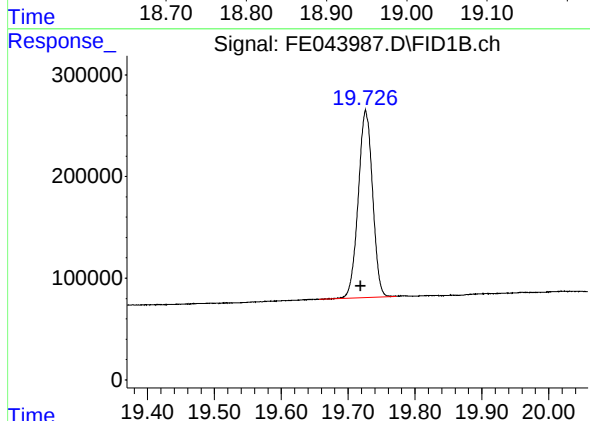
R.T.: 18.107 min
Delta R.T.: 0.008 min
Response: 2865112
Conc: 17.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



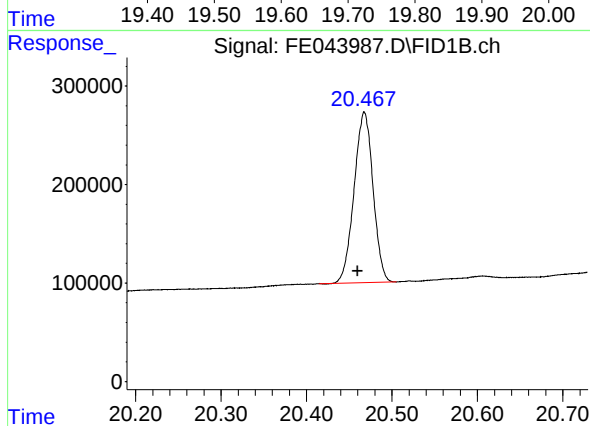
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.006 min
Response: 2784919
Conc: 17.64 ug/ml



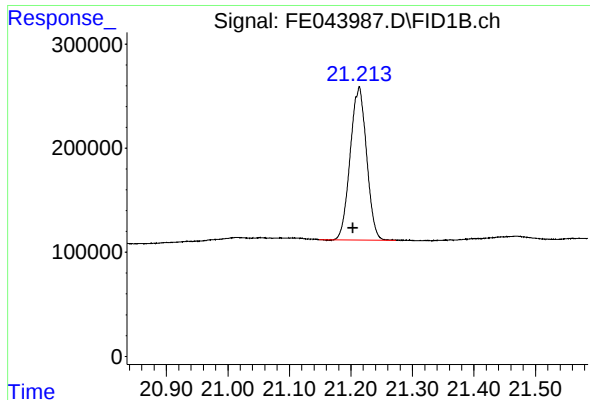
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.007 min
Response: 2737517
Conc: 18.42 ug/ml



#20 n-Hexatriacontane (C36)

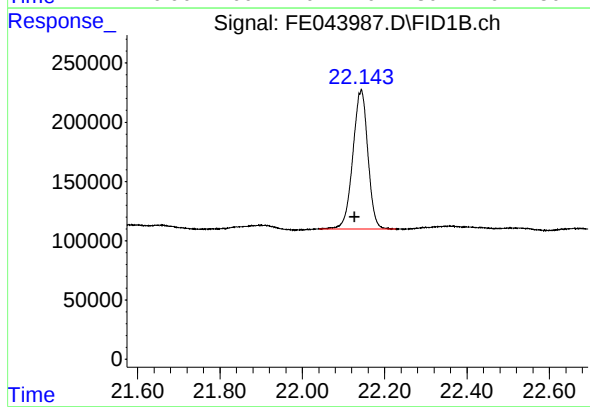
R.T.: 20.468 min
Delta R.T.: 0.008 min
Response: 2672322
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.010 min
Response: 2708656
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.017 min
Response: 2971024
Conc: 23.03 ug/ml