

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062323AL\
 Data File : FE042865.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2023 03:58
 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 04:45:32 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	3367772	18.333 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.353	2492875	18.318 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	3.297	2863980	18.541 ug/ml
2) T n-Decane (C10)	4.549	2912870	18.441 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3137676	18.531 ug/ml
4) T n-Dodecane (C12)	6.719	2946140	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.355	3004519	18.531 ug/ml
6) T n-Tetradecane (C14)	8.548	2920832	18.353 ug/ml
7) T n-Hexadecane (C16)	10.155	3014885	18.305 ug/ml
8) T n-Octadecane (C18)	11.598	3042786	18.306 ug/ml
10) T n-Eicosane (C20)	12.908	2909190	18.333 ug/ml
11) T n-Heneicosane (C21)	13.520	2837620	18.341 ug/ml
13) T n-Docosane (C22)	14.106	2793783	18.340 ug/ml
14) T n-Tetracosane (C24)	15.209	2721008	18.339 ug/ml
15) T n-Hexacosane (C26)	16.230	2616876	18.305 ug/ml
16) T n-Octacosane (C28)	17.180	2518345	18.157 ug/ml
17) T n-Tricontane (C30)	18.067	2541978	17.974 ug/ml
18) T n-Dotriacontane (C32)	18.901	2497723	17.808 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2461084	17.984 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2407191	18.000 ug/ml
21) T n-Octatriacontane (C38)	21.165	2435485	17.863 ug/ml
22) T n-Tetracontane (C40)	22.081	2493652	17.923 ug/ml

(f)=RT Delta > 1/2 Window

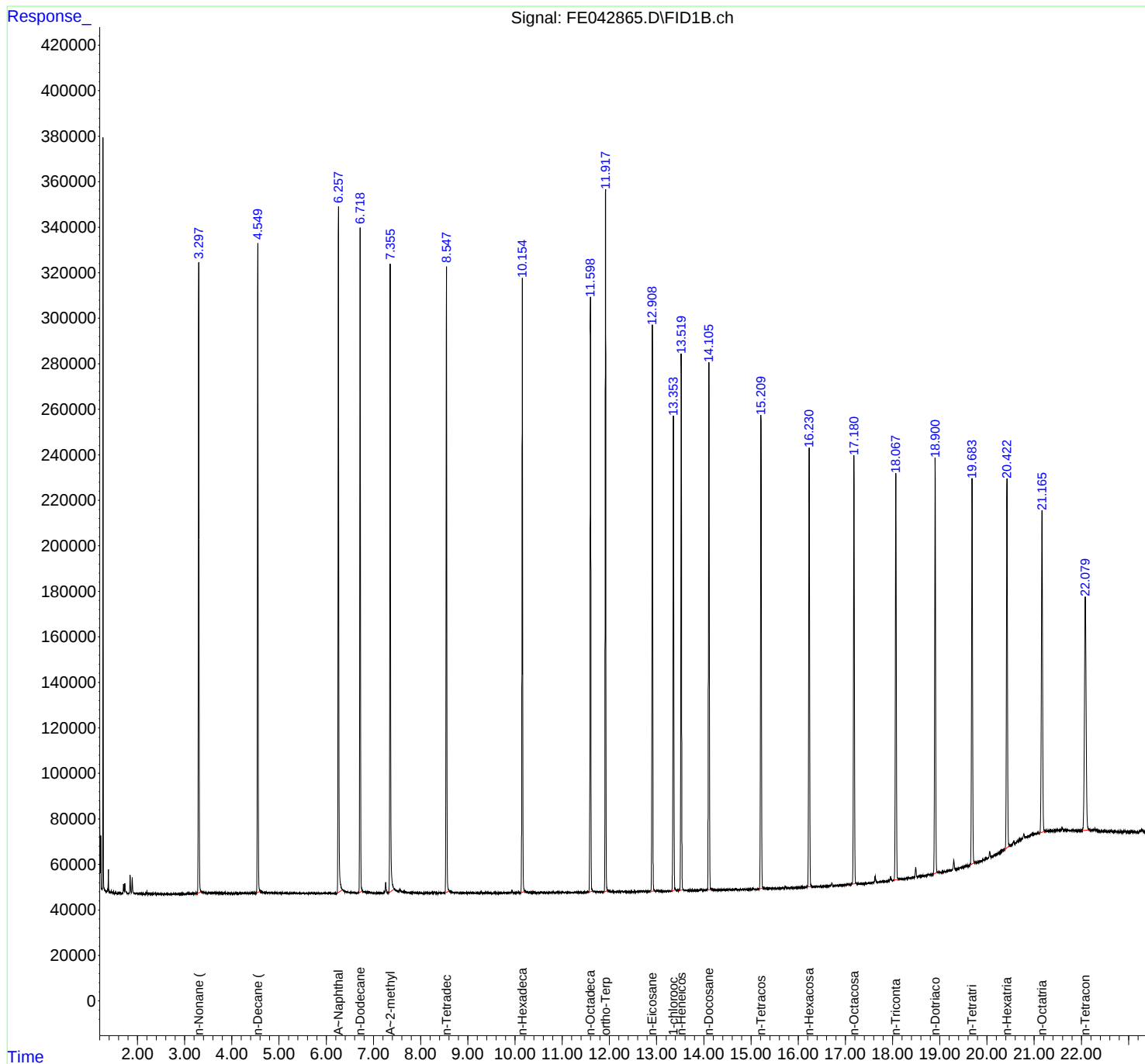
(m)=manual int.

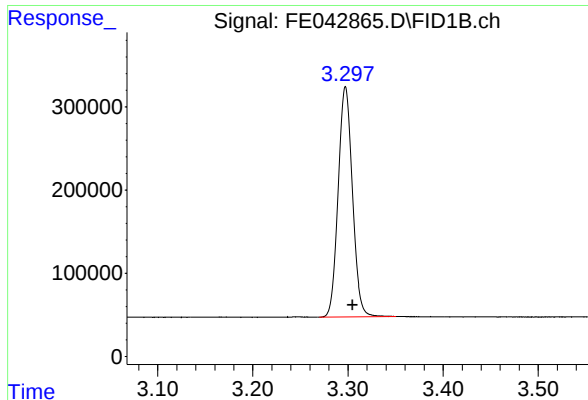
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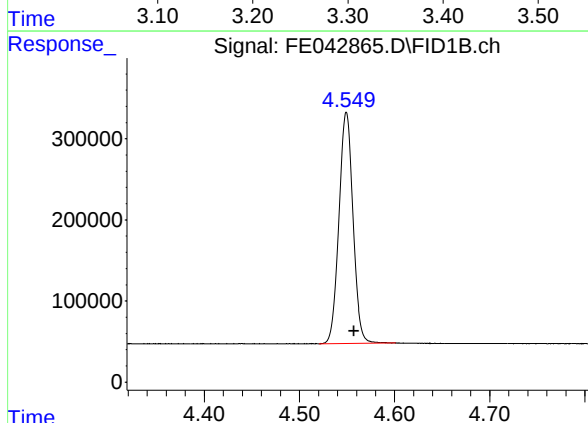




#1 n-Nonane (C9)

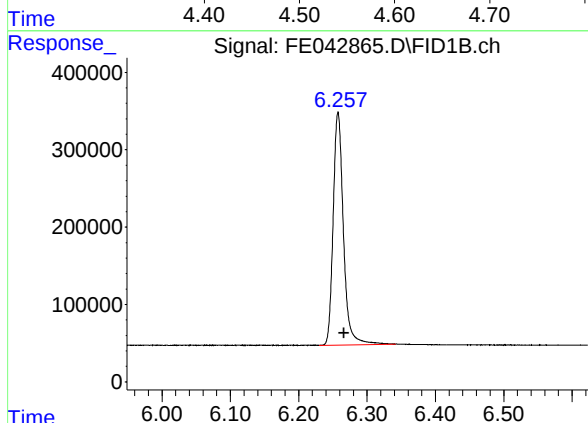
R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 2863980
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



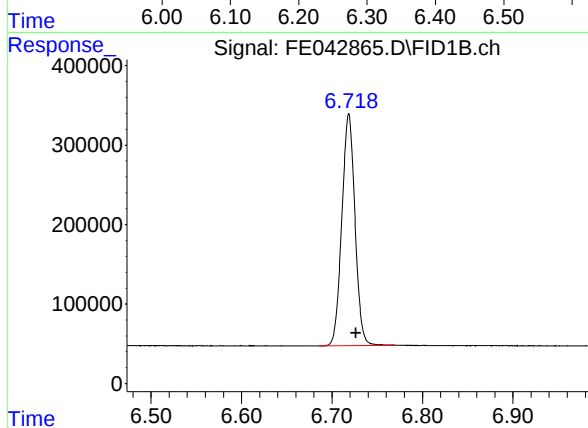
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 2912870
Conc: 18.44 ug/ml



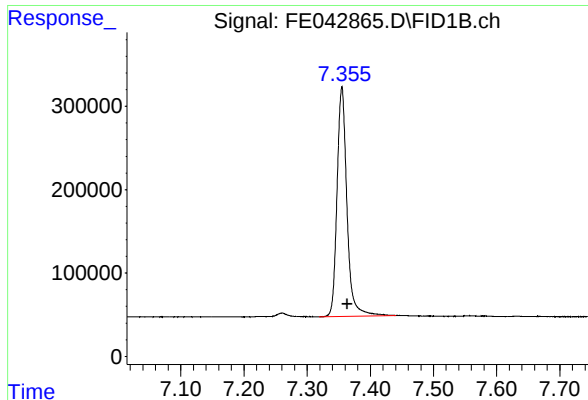
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.009 min
Response: 3137676
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

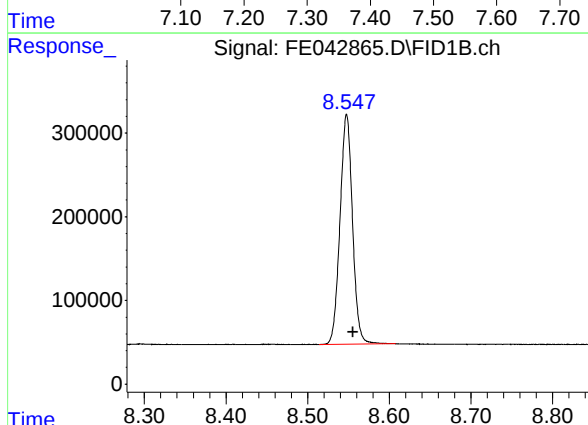
R.T.: 6.719 min
Delta R.T.: -0.008 min
Response: 2946140
Conc: 18.41 ug/ml



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

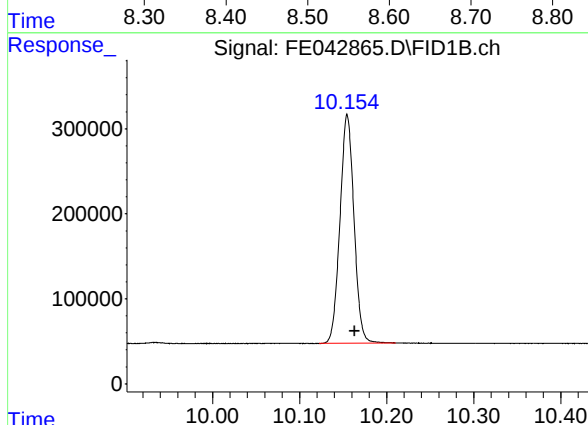
R.T.: 7.355 min
Delta R.T.: -0.008 min
Response: 3004519
Conc: 18.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



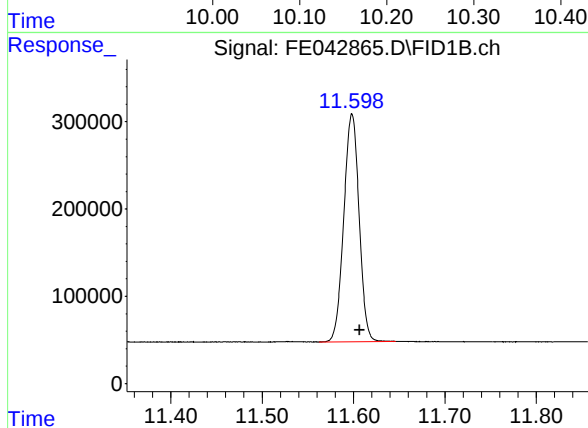
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.008 min
Response: 2920832
Conc: 18.35 ug/ml



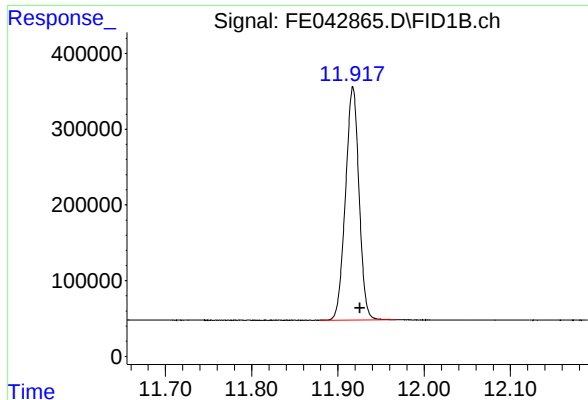
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.008 min
Response: 3014885
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

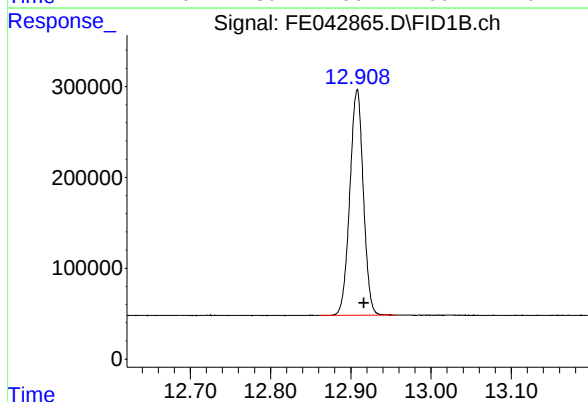
R.T.: 11.598 min
Delta R.T.: -0.008 min
Response: 3042786
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

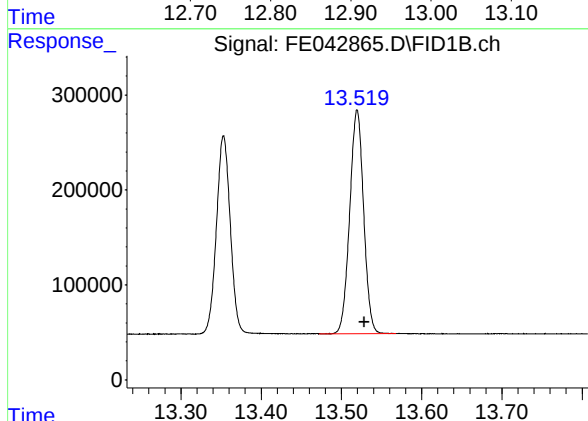
R.T.: 11.917 min
Delta R.T.: -0.008 min
Response: 3367772
Conc: 18.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



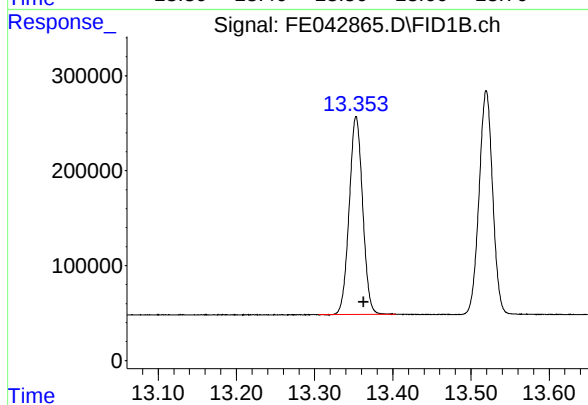
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.008 min
Response: 2909190
Conc: 18.33 ug/ml



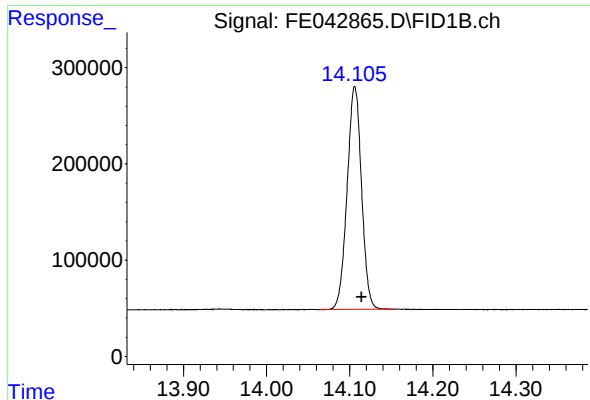
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.009 min
Response: 2837620
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

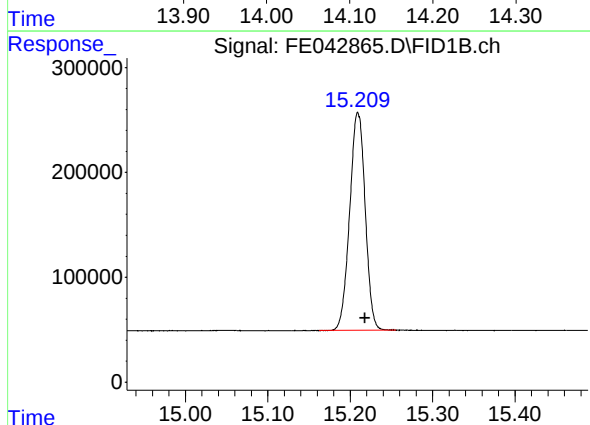
R.T.: 13.353 min
Delta R.T.: -0.010 min
Response: 2492875
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

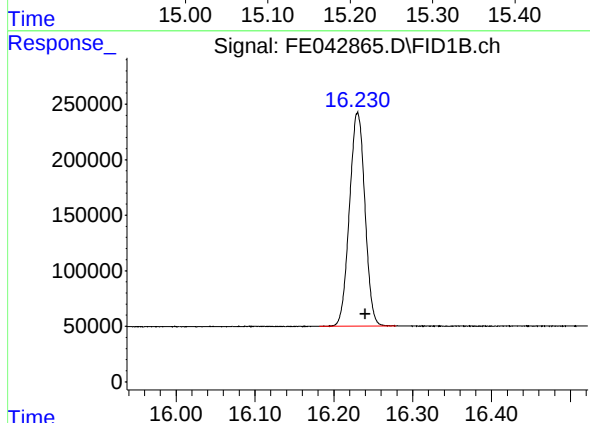
R.T.: 14.106 min
Delta R.T.: -0.008 min
Response: 2793783
Conc: 18.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



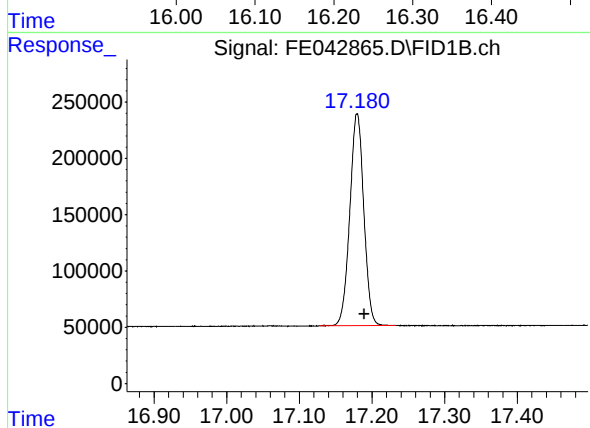
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.008 min
Response: 2721008
Conc: 18.34 ug/ml



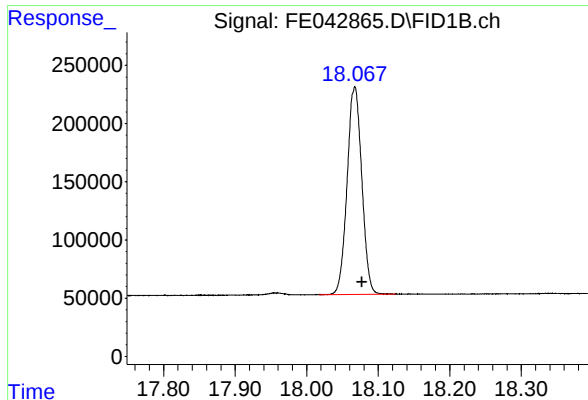
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.010 min
Response: 2616876
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

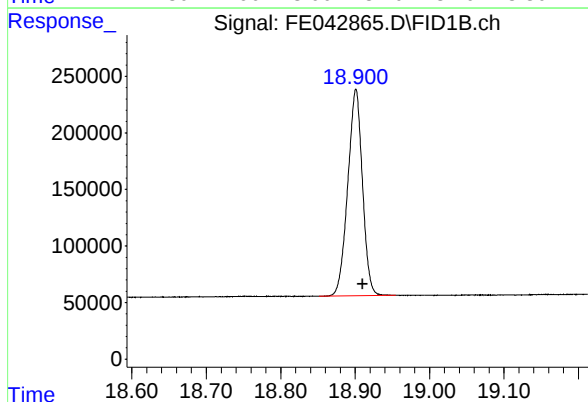
R.T.: 17.180 min
Delta R.T.: -0.010 min
Response: 2518345
Conc: 18.16 ug/ml



#17 n-Tricontane (C30)

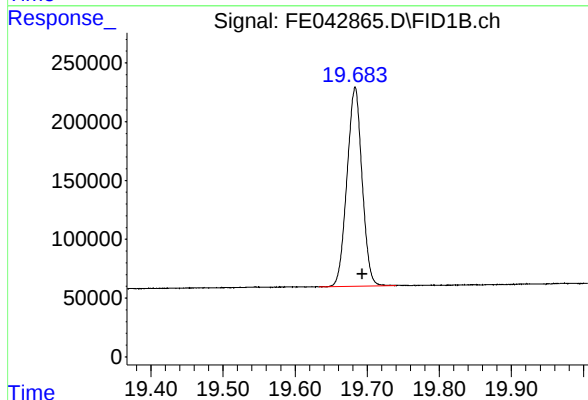
R.T.: 18.067 min
Delta R.T.: -0.010 min
Response: 2541978
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



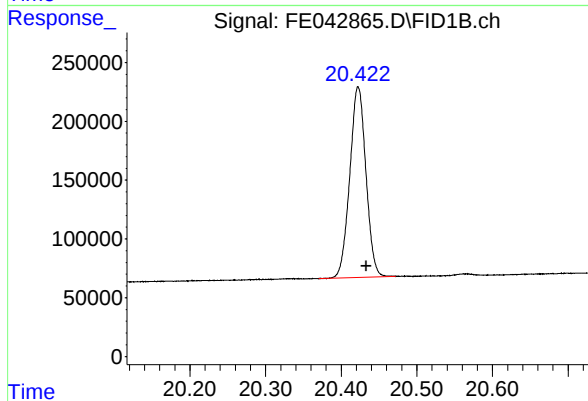
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.009 min
Response: 2497723
Conc: 17.81 ug/ml



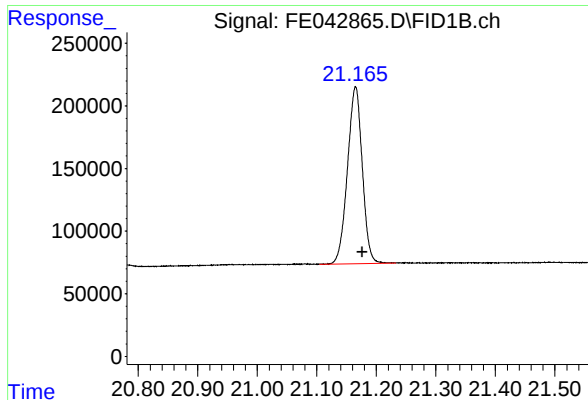
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.010 min
Response: 2461084
Conc: 17.98 ug/ml



#20 n-Hexatriacontane (C36)

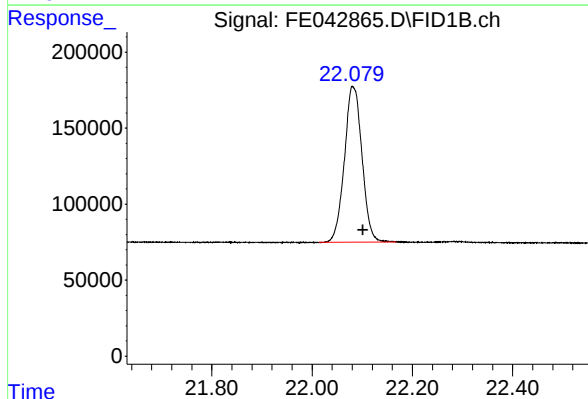
R.T.: 20.422 min
Delta R.T.: -0.011 min
Response: 2407191
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.011 min
Response: 2435485
Conc: 17.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.021 min
Response: 2493652
Conc: 17.92 ug/ml