

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045412.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 05:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 17 06:13:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.871	3572403	18.711 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.313	2559776	18.584 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.261	3175046	19.219 ug/ml
2) T n-Decane (C10)	4.512	3205851	19.119 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3415698	19.136 ug/ml
4) T n-Dodecane (C12)	6.677	3230156	19.126 ug/ml
5) T A~2-methylnaphthalene...	7.306	3272149	19.055 ug/ml
6) T n-Tetradecane (C14)	8.504	3171460	19.029 ug/ml
7) T n-Hexadecane (C16)	10.113	3162931	18.804 ug/ml
8) T n-Octadecane (C18)	11.558	3111187	18.589 ug/ml
10) T n-Eicosane (C20)	12.869	2945759	18.596 ug/ml
11) T n-Heneicosane (C21)	13.481	2856184	18.576 ug/ml
13) T n-Docosane (C22)	14.069	2789287	18.409 ug/ml
14) T n-Tetracosane (C24)	15.174	2730369	18.435 ug/ml
15) T n-Hexacosane (C26)	16.196	2662731	18.268 ug/ml
16) T n-Octacosane (C28)	17.147	2653335	18.158 ug/ml
17) T n-Tricontane (C30)	18.038	2704972	17.808 ug/ml
18) T n-Dotriacontane (C32)	18.872	2777587	17.780 ug/ml
19) T n-Tetratriacontane (C34)	19.657	2794385	17.897 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2911066	17.934 ug/ml
21) T n-Octatriacontane (C38)	21.133	3057778	18.405 ug/ml
22) T n-Tetracontane (C40)	22.043	3114615	18.235 ug/ml

(f)=RT Delta > 1/2 Window

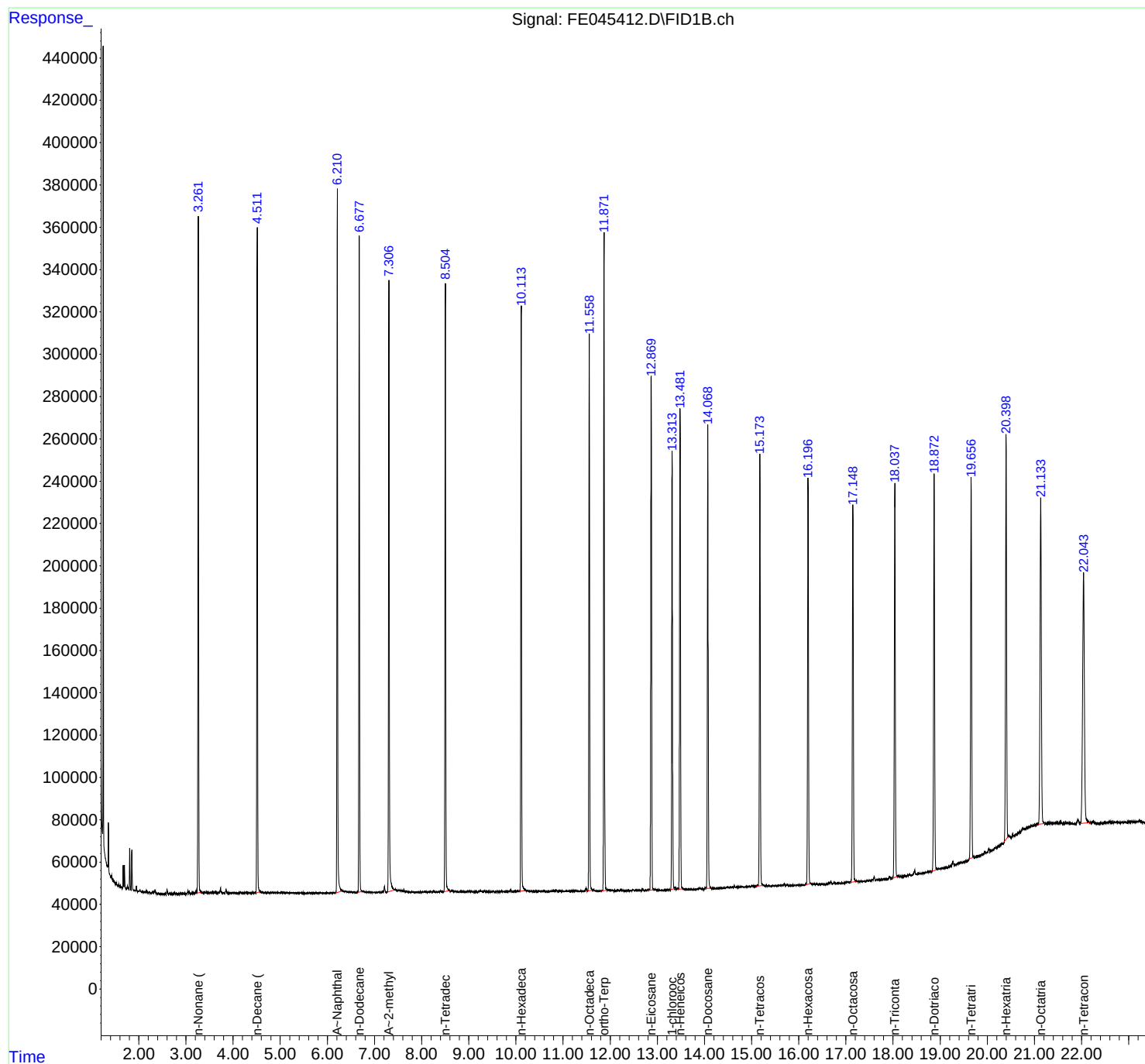
(m)=manual int.

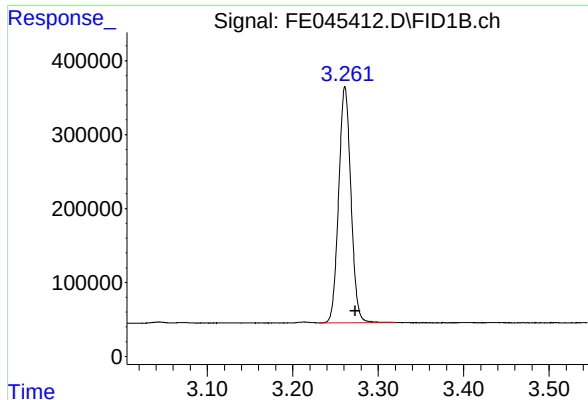
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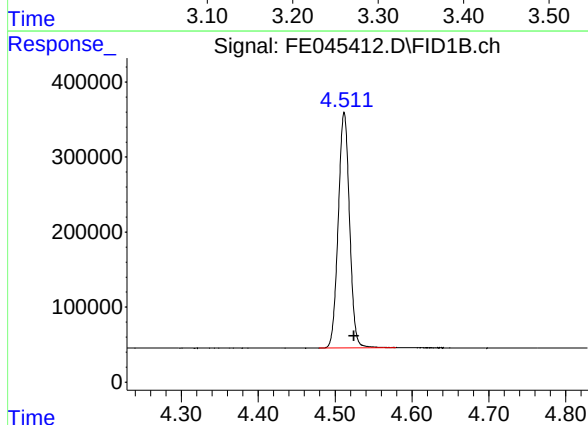




#1 n-Nonane (C9)

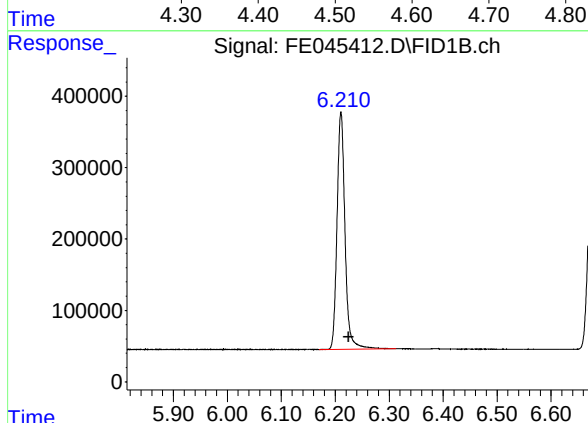
R.T.: 3.261 min
Delta R.T.: -0.012 min
Response: 3175046
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :



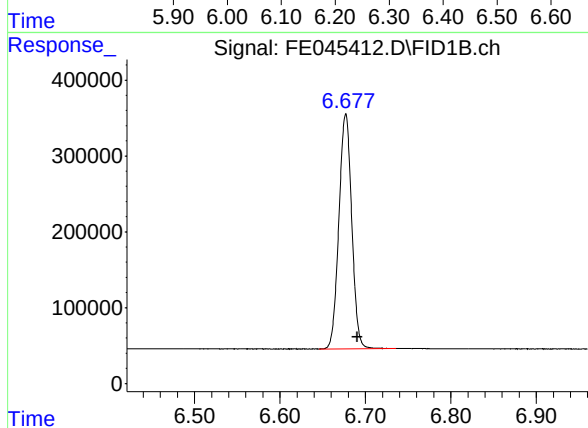
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.012 min
Response: 3205851
Conc: 19.12 ug/ml



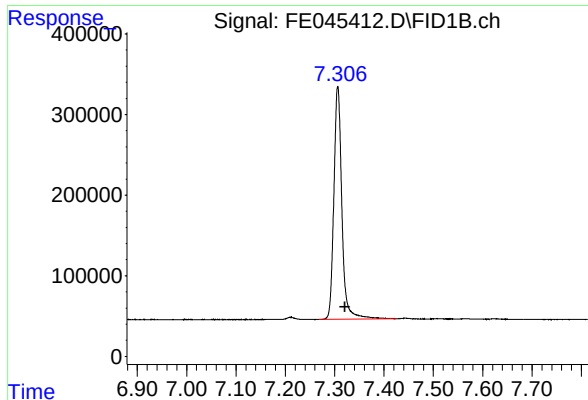
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 3415698
Conc: 19.14 ug/ml



#4 n-Dodecane (C12)

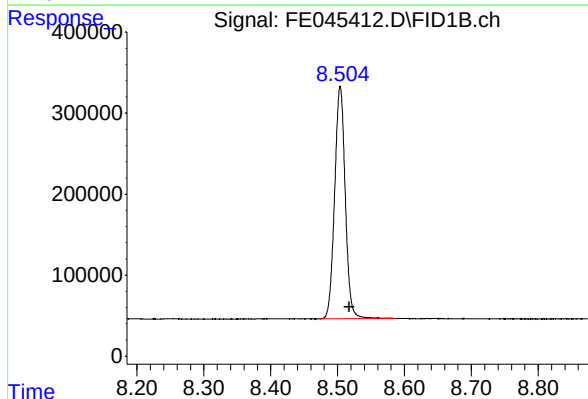
R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 3230156
Conc: 19.13 ug/ml



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

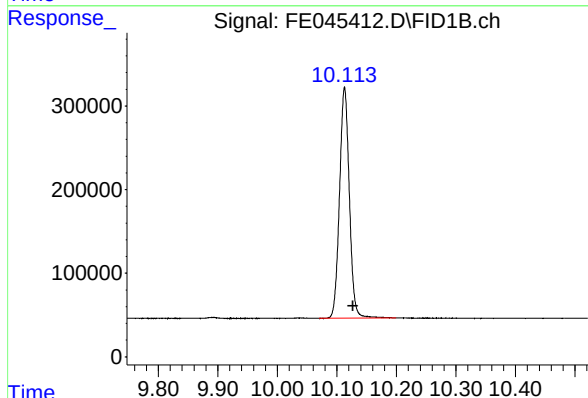
R.T.: 7.306 min
Delta R.T.: -0.014 min
Response: 3272149
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :



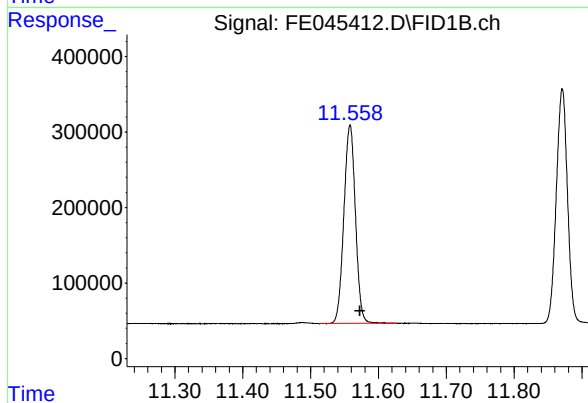
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.014 min
Response: 3171460
Conc: 19.03 ug/ml



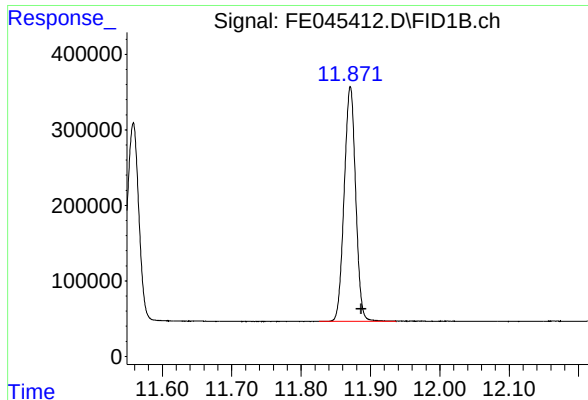
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.014 min
Response: 3162931
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

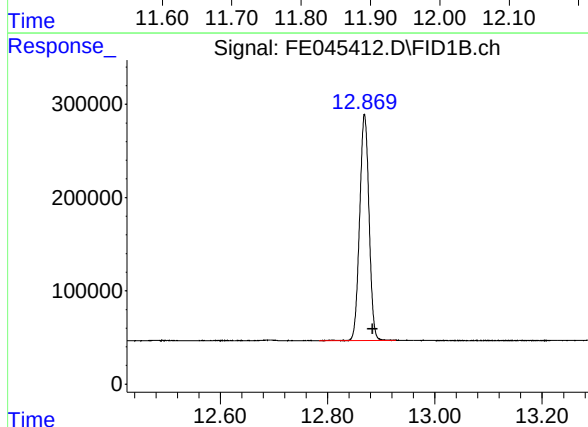
R.T.: 11.558 min
Delta R.T.: -0.015 min
Response: 3111187
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

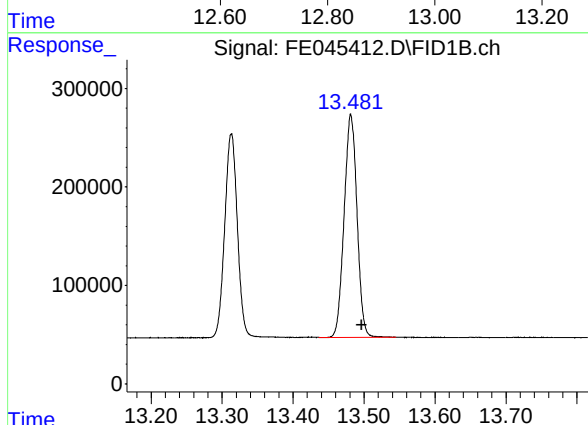
R.T.: 11.871 min
Delta R.T.: -0.016 min
Response: 3572403
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :



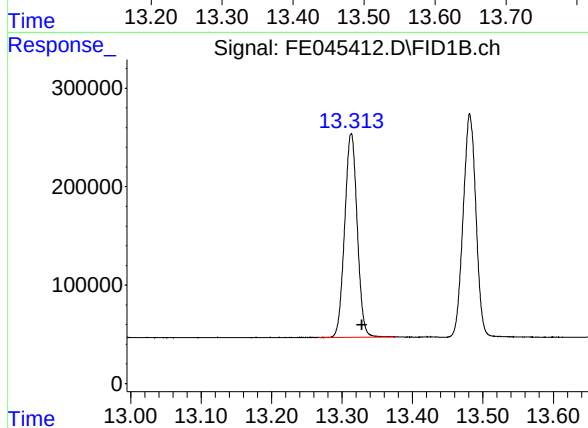
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.015 min
Response: 2945759
Conc: 18.60 ug/ml



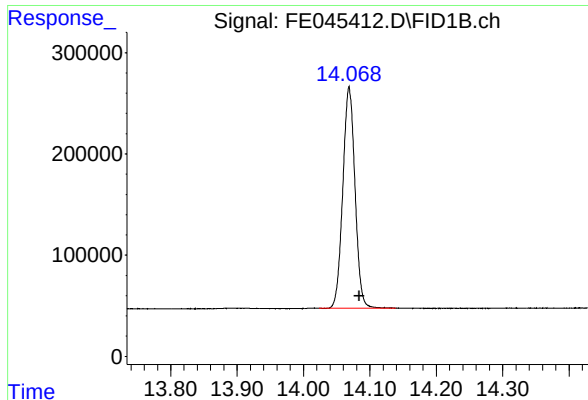
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.015 min
Response: 2856184
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

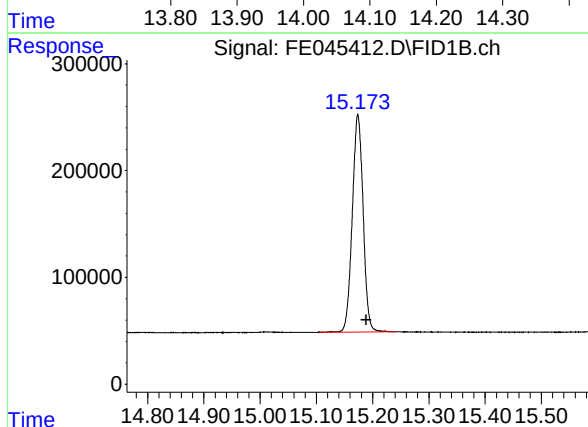
R.T.: 13.313 min
Delta R.T.: -0.015 min
Response: 2559776
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

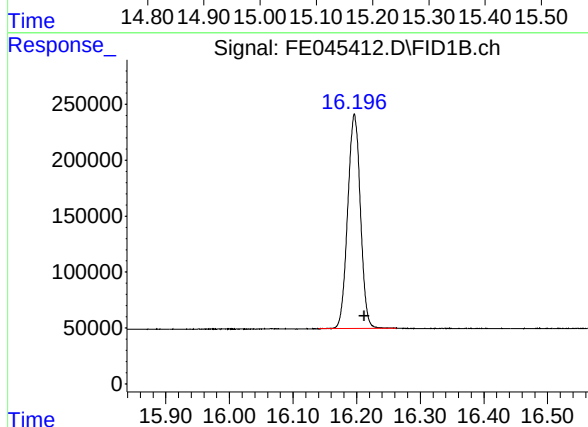
R.T.: 14.069 min
Delta R.T.: -0.015 min
Response: 2789287
Conc: 18.41 ug/ml

Instrument :
FID_E
ClientSampleId :



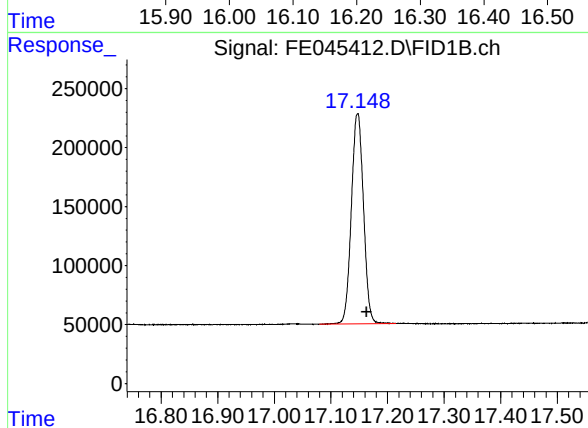
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.015 min
Response: 2730369
Conc: 18.43 ug/ml



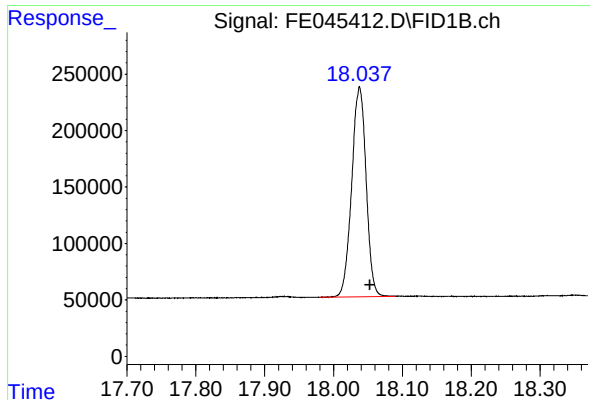
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.015 min
Response: 2662731
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

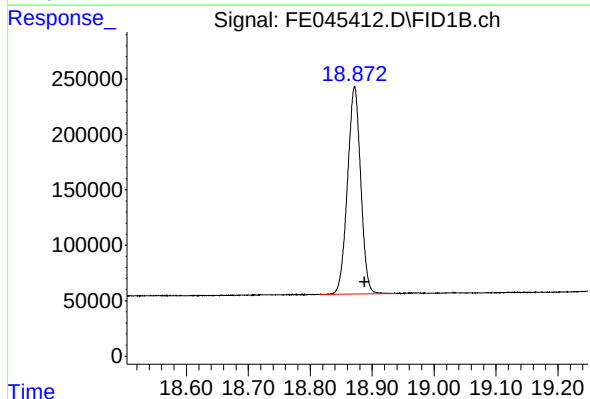
R.T.: 17.147 min
Delta R.T.: -0.016 min
Response: 2653335
Conc: 18.16 ug/ml



#17 n-Tricontane (C30)

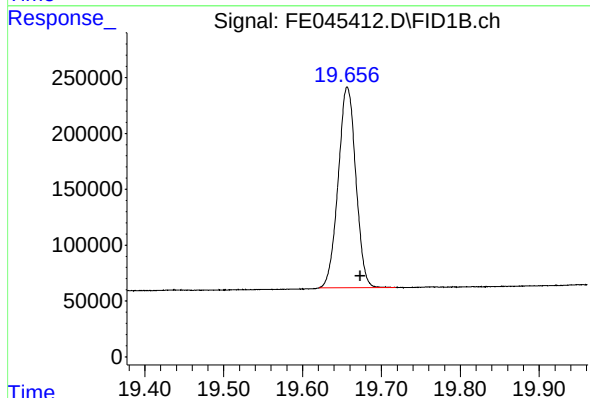
R.T.: 18.038 min
Delta R.T.: -0.015 min
Response: 2704972
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :



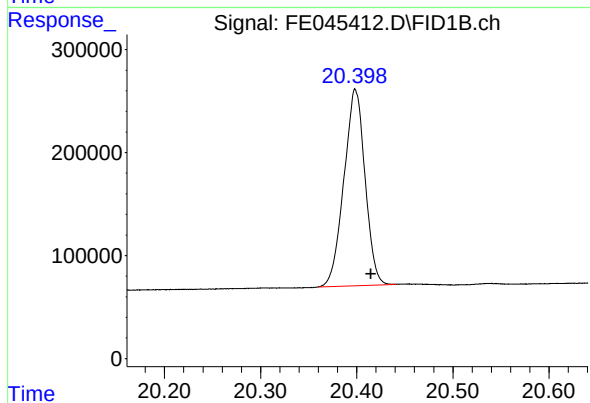
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.016 min
Response: 2777587
Conc: 17.78 ug/ml



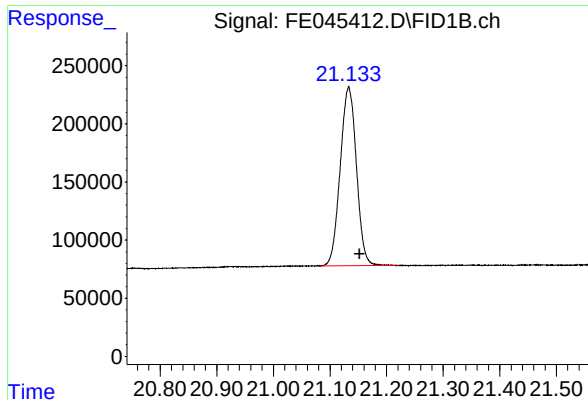
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.017 min
Response: 2794385
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

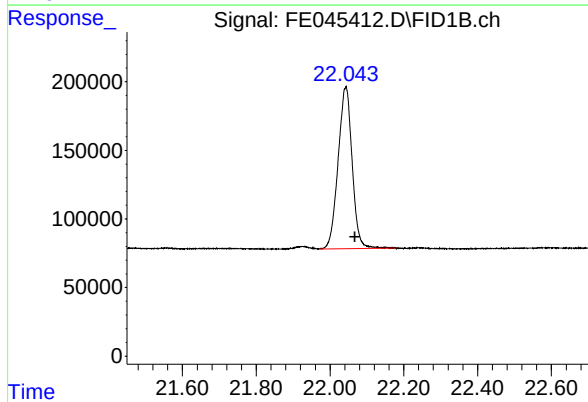
R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 2911066
Conc: 17.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.019 min
Response: 3057778
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.024 min
Response: 3114615
Conc: 18.23 ug/ml