

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040753.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2023 04:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 05:16:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.880	3492634	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.320	2707440	18.293 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.276	3206149	20.836 ug/ml
2) T n-Decane (C10)	4.523	3193333	21.226 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3499482	21.098 ug/ml
4) T n-Dodecane (C12)	6.688	3241694	21.175 ug/ml
5) T A~2-methylnaphthalene...	7.322	3235940	21.381 ug/ml
6) T n-Tetradecane (C14)	8.515	3270682	21.162 ug/ml
7) T n-Hexadecane (C16)	10.122	3340750	20.683 ug/ml
8) T n-Octadecane (C18)	11.565	3352160	19.742 ug/ml
10) T n-Eicosane (C20)	12.875	3223918	19.057 ug/ml
11) T n-Heneicosane (C21)	13.486	3165724	18.474 ug/ml
13) T n-Docosane (C22)	14.073	3162328	18.459 ug/ml
14) T n-Tetracosane (C24)	15.177	3206076	18.598 ug/ml
15) T n-Hexacosane (C26)	16.200	3138328	18.465 ug/ml
16) T n-Octacosane (C28)	17.150	3245324	19.351 ug/ml
17) T n-Tricontane (C30)	18.038	3411683	20.894 ug/ml
18) T n-Dotriacontane (C32)	18.872	3472362	20.288 ug/ml
19) T n-Tetratriacontane (C34)	19.657	3149899	20.373 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2908428	20.020 ug/ml
21) T n-Octatriacontane (C38)	21.129	2767437	20.133 ug/ml
22) T n-Tetracontane (C40)	22.022	3317513	21.470 ug/ml

(f)=RT Delta > 1/2 Window

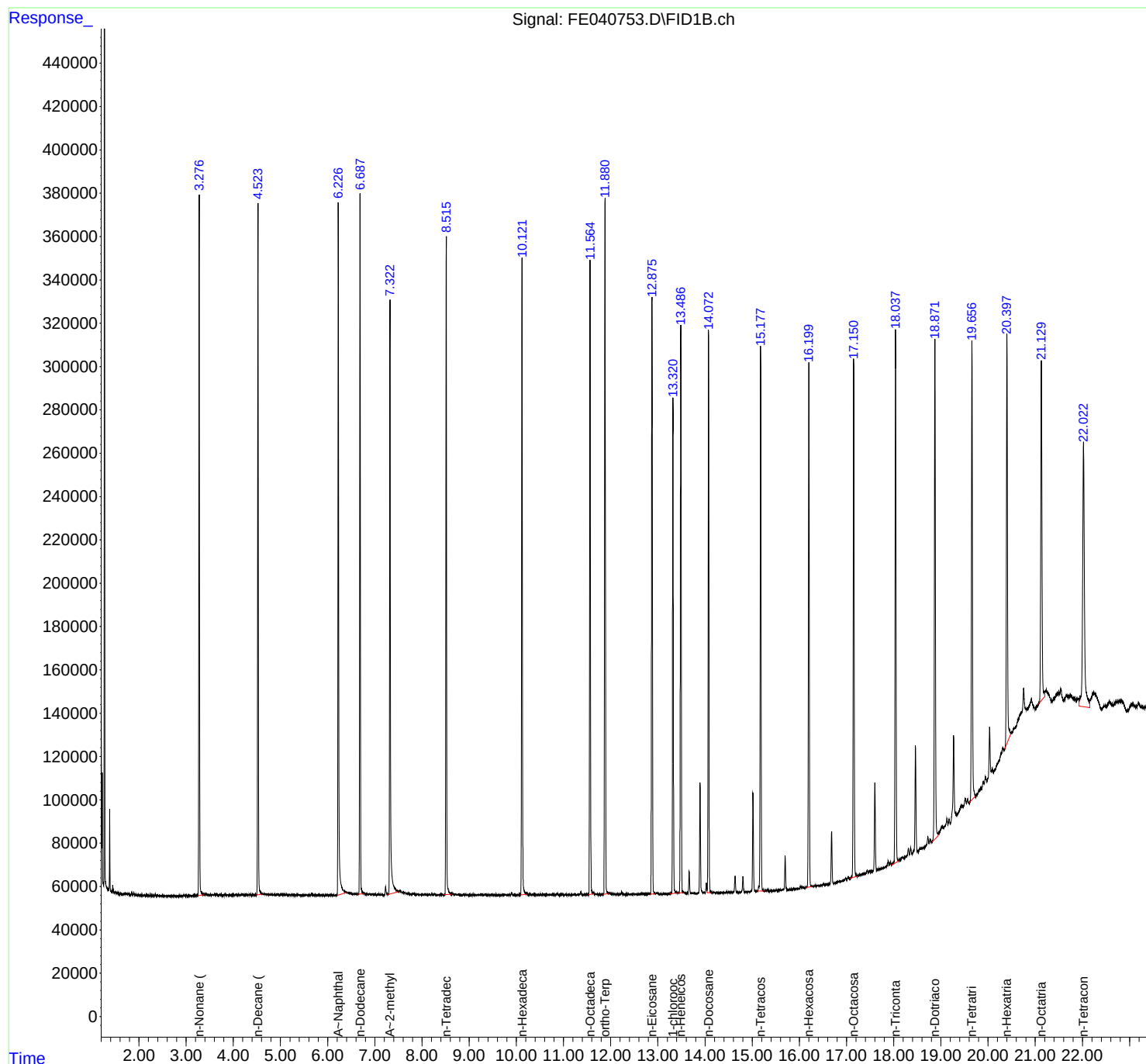
(m)=manual int.

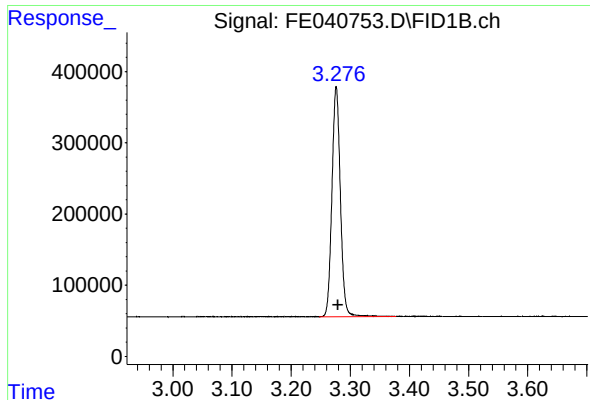
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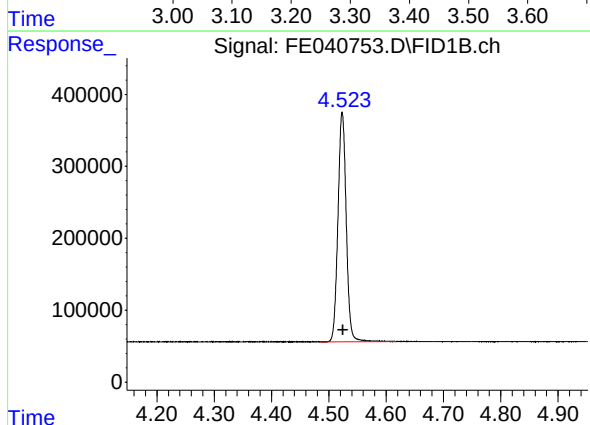




#1 n-Nonane (C9)

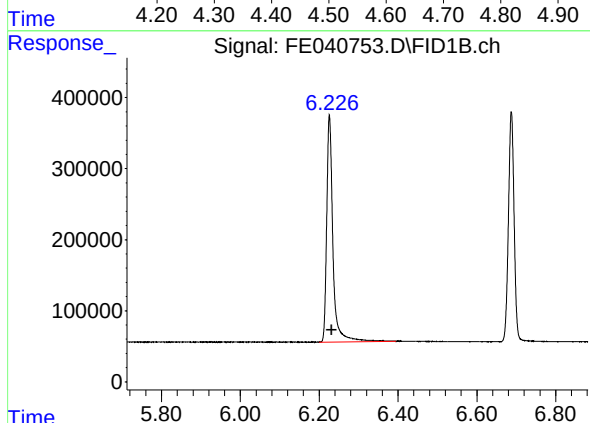
R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 3206149
Conc: 20.84 ug/ml

Instrument :
FID_E
ClientSampleId :



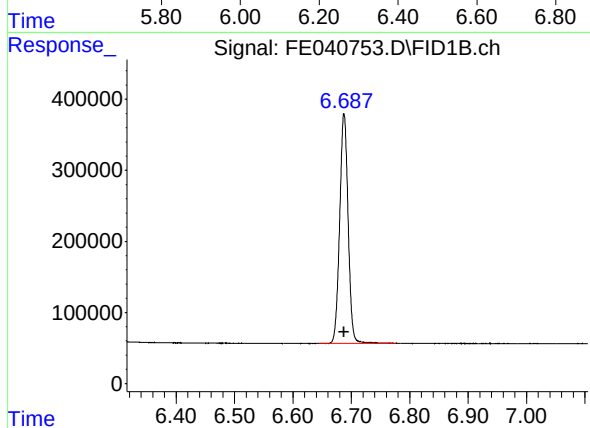
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 3193333
Conc: 21.23 ug/ml



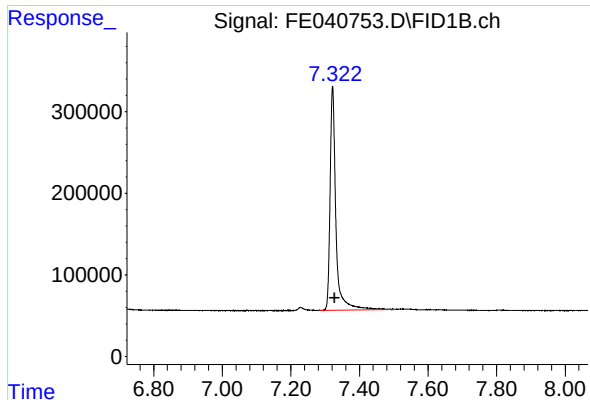
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 3499482
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

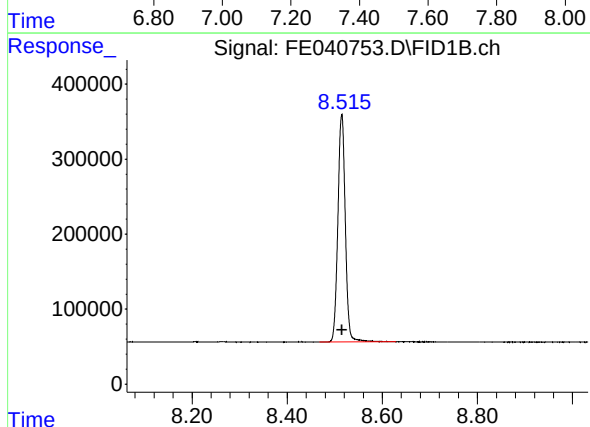
R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 3241694
Conc: 21.18 ug/ml



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

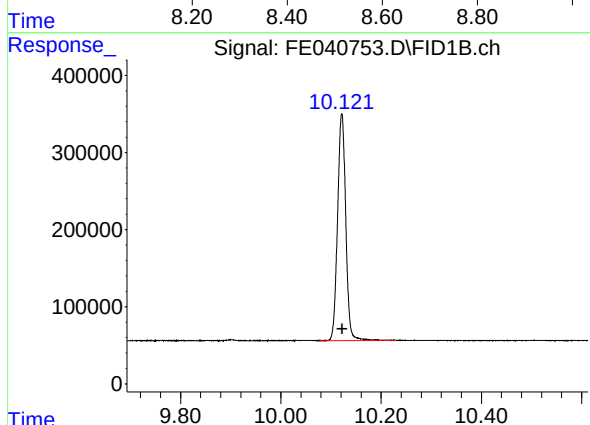
R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 3235940
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :



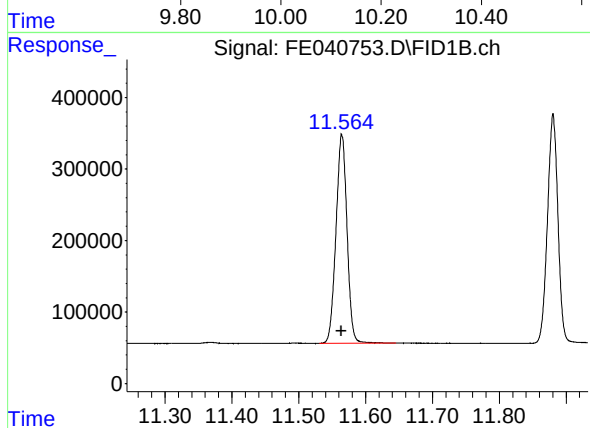
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 3270682
Conc: 21.16 ug/ml



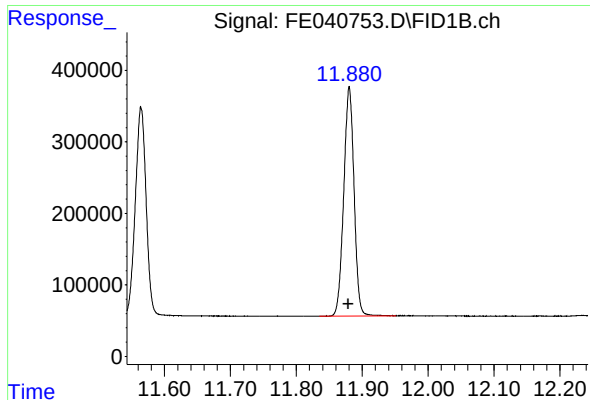
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 3340750
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

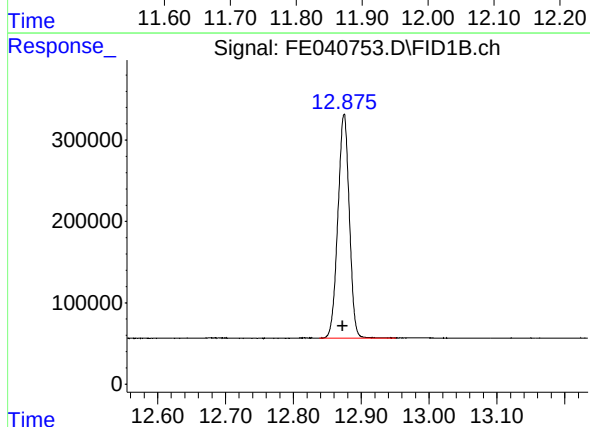
R.T.: 11.565 min
Delta R.T.: 0.001 min
Response: 3352160
Conc: 19.74 ug/ml



#9 ortho-Terphenyl (SURR)

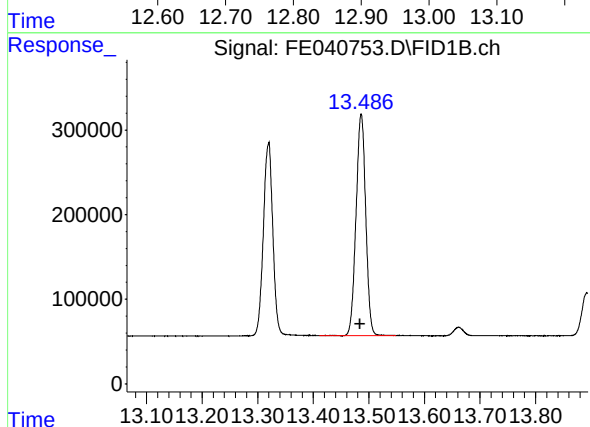
R.T.: 11.880 min
Delta R.T.: 0.002 min
Response: 3492634
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :



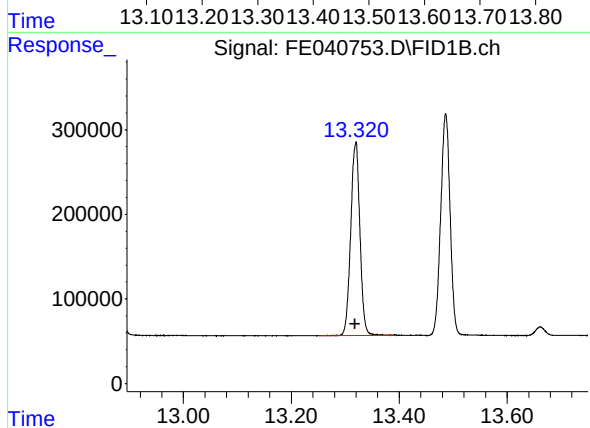
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 3223918
Conc: 19.06 ug/ml



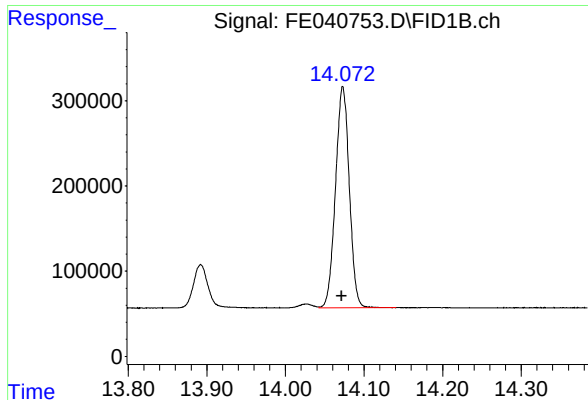
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.002 min
Response: 3165724
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

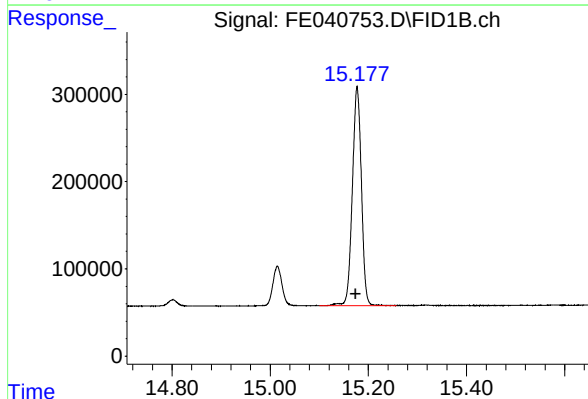
R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 2707440
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

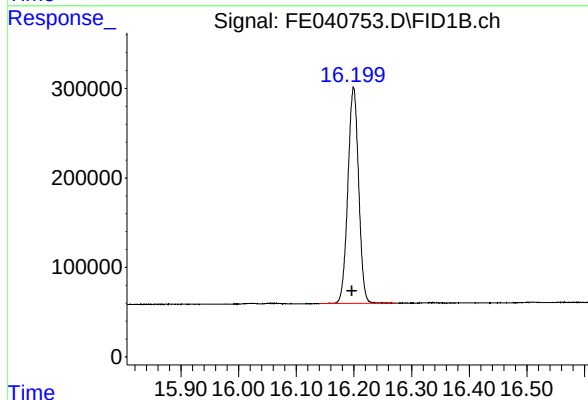
R.T.: 14.073 min
Delta R.T.: 0.001 min
Response: 3162328
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :



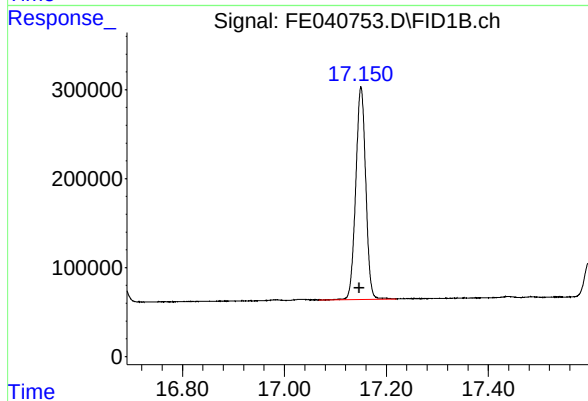
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.003 min
Response: 3206076
Conc: 18.60 ug/ml



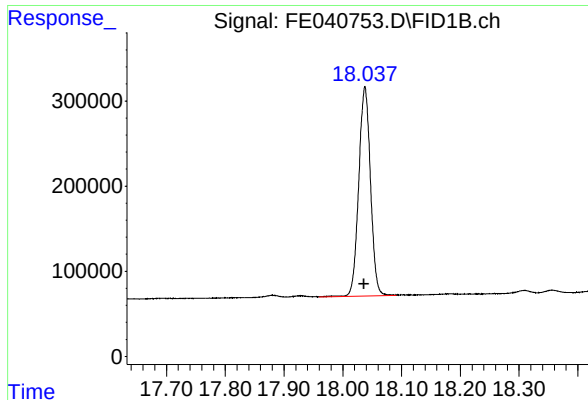
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 3138328
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

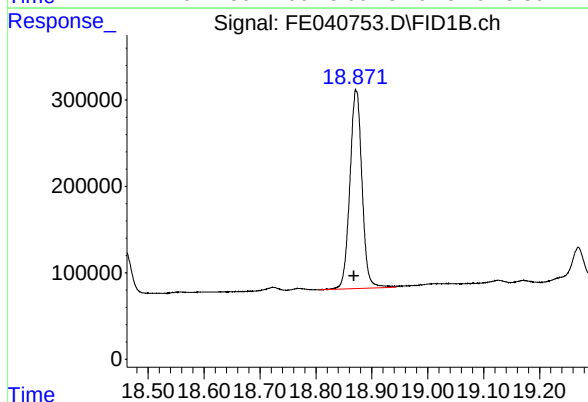
R.T.: 17.150 min
Delta R.T.: 0.003 min
Response: 3245324
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

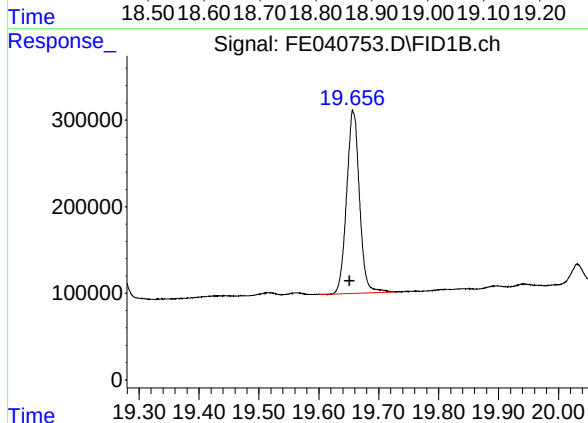
R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 3411683
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :



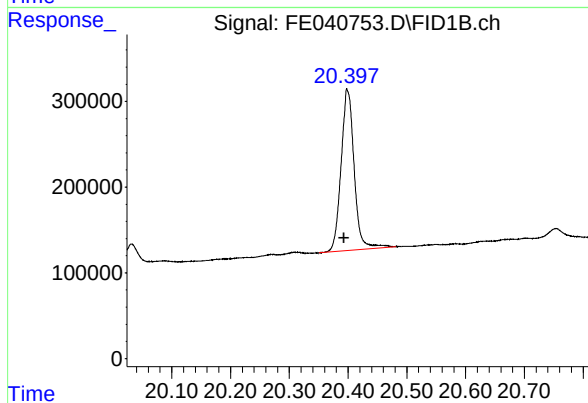
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.004 min
Response: 3472362
Conc: 20.29 ug/ml



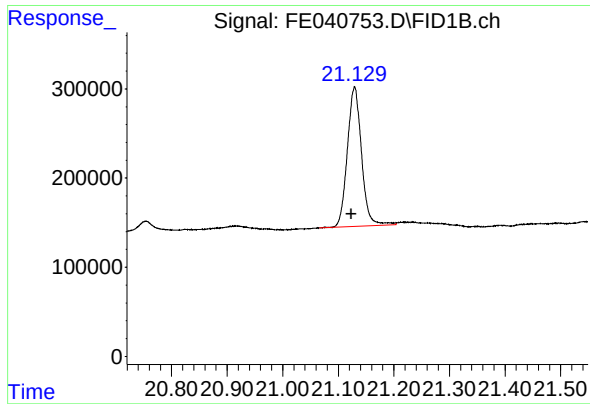
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.005 min
Response: 3149899
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

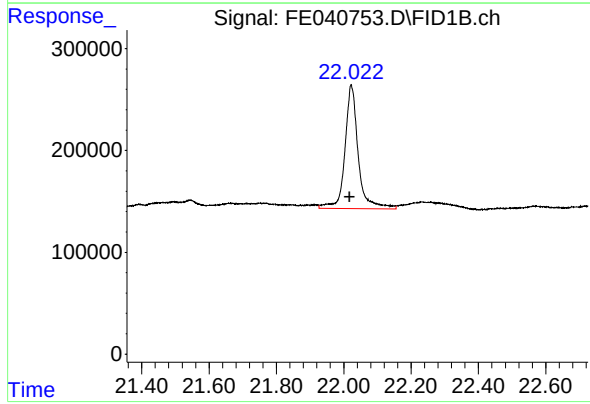
R.T.: 20.399 min
Delta R.T.: 0.006 min
Response: 2908428
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.006 min
Response: 2767437
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.003 min
Response: 3317513
Conc: 21.47 ug/ml