

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037023.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 10:04
 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: Aug 12 17:13:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 2022
 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)	11.819	3621953	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.259	2847688	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.214	3008521	19.574 ug/ml
2) T n-Decane (C10)	4.467	2990164	19.564 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3263959	19.837 ug/ml
4) T n-Dodecane (C12)	6.635	3066916	19.637 ug/ml
5) T A~2-methylnaphthalene...	7.263	3204110	19.742 ug/ml
6) T n-Tetradecane (C14)	8.461	3113875	19.704 ug/ml
7) T n-Hexadecane (C16)	10.067	3136386	19.721 ug/ml
8) T n-Octadecane (C18)	11.509	3227533	19.658 ug/ml
10) T n-Eicosane (C20)	12.816	3228490	19.665 ug/ml
11) T n-Heneicosane (C21)	13.427	3223339	19.613 ug/ml
13) T n-Docosane (C22)	14.012	3197944	19.655 ug/ml
14) T n-Tetracosane (C24)	15.114	3163019	19.570 ug/ml
15) T n-Hexacosane (C26)	16.135	3087395	19.464 ug/ml
16) T n-Octacosane (C28)	17.084	3009094	19.360 ug/ml
17) T n-Tricontane (C30)	17.972	2815766	19.307 ug/ml
18) T n-Dotriacontane (C32)	18.804	2236072	19.242 ug/ml
19) T n-Tetratriacontane (C34)	19.587	1583830	19.220 ug/ml
20) T n-Hexatriacontane (C36)	20.326	1166182	19.304 ug/ml
21) T n-Octatriacontane (C38)	21.048	970088	19.021 ug/ml
22) T n-Tetracontane (C40)	21.921	909221	18.890 ug/ml

(f)=RT Delta > 1/2 Window

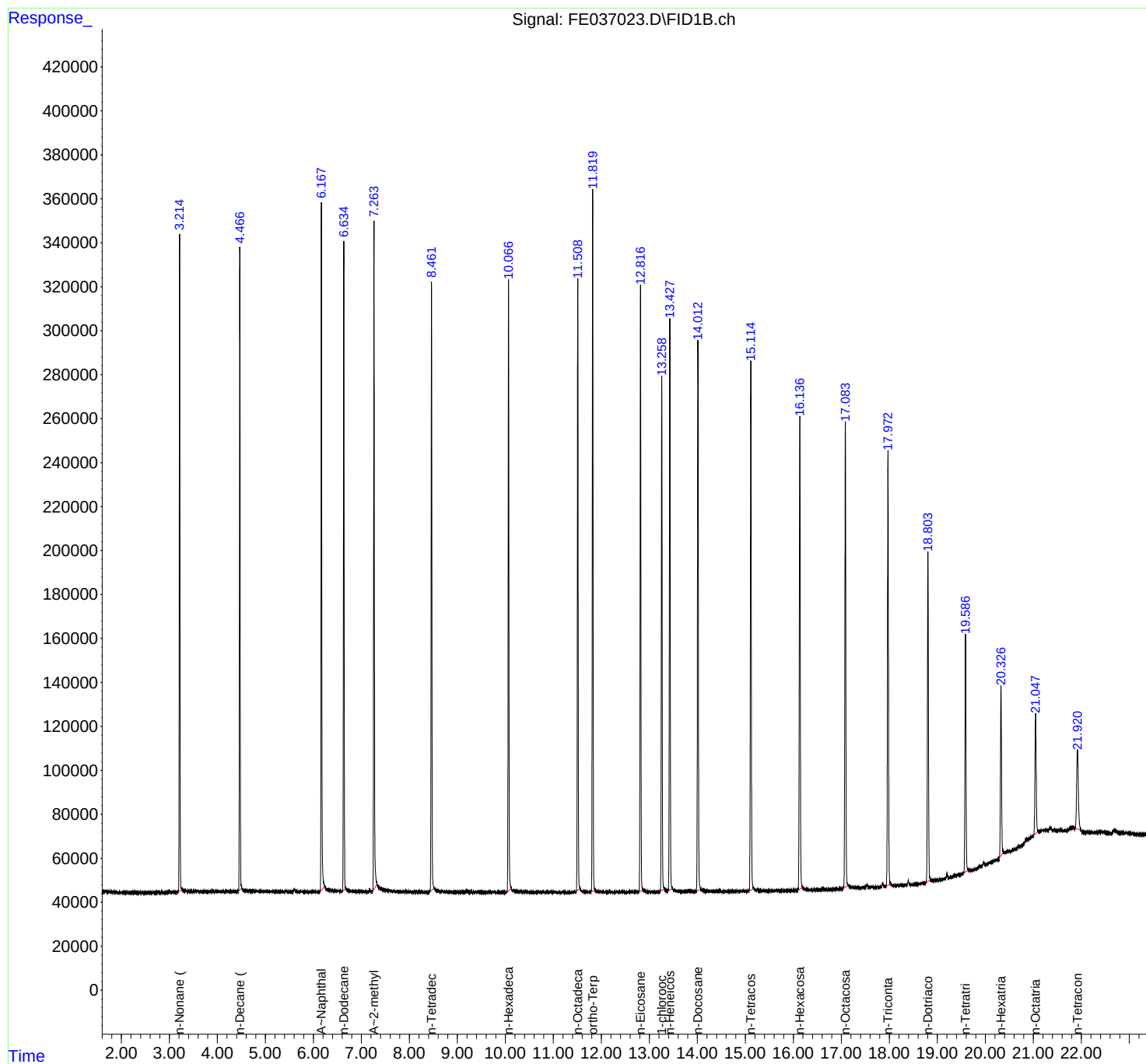
(m)=manual int.

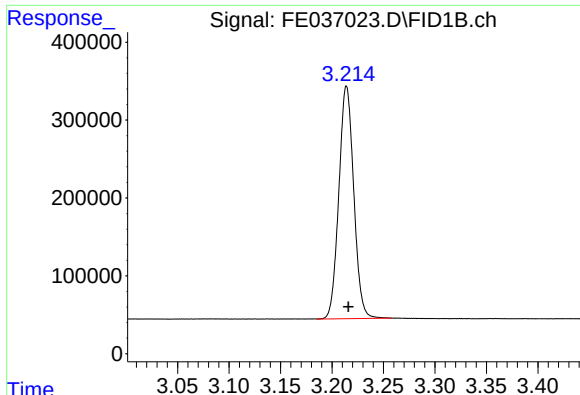
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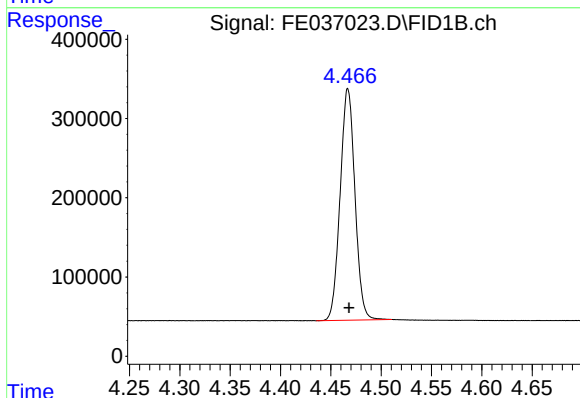




#1 n-Nonane (C9)

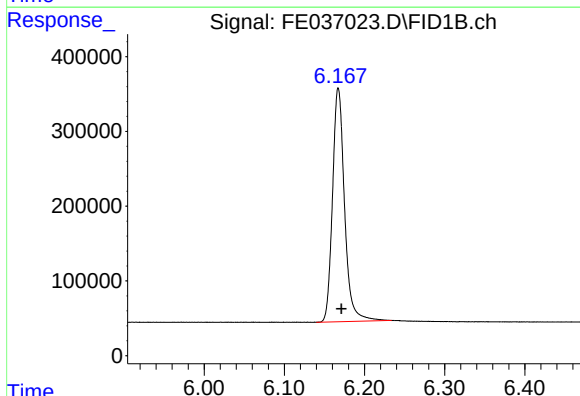
R.T.: 3.214 min
Delta R.T.: -0.002 min
Response: 3008521
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



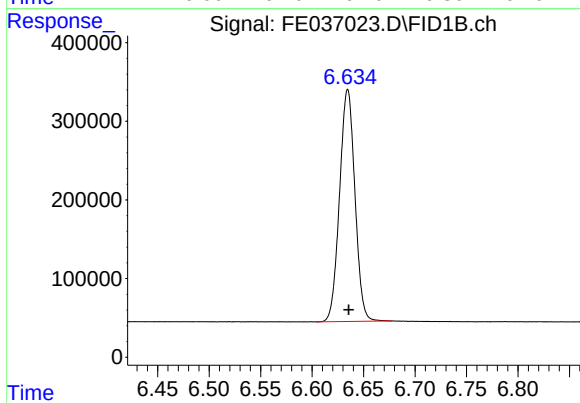
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 2990164
Conc: 19.56 ug/ml



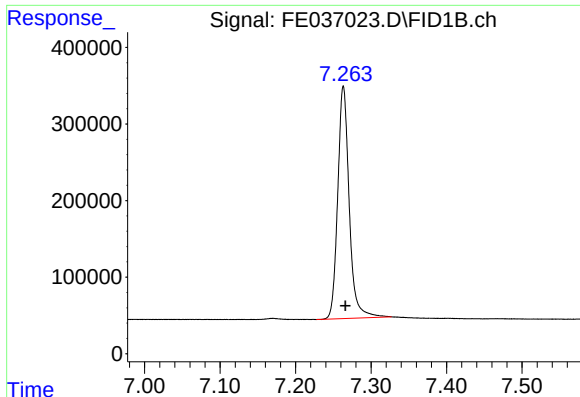
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 3263959
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

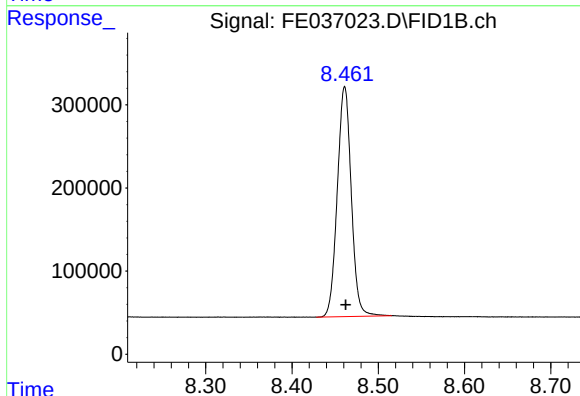
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 3066916
Conc: 19.64 ug/ml



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

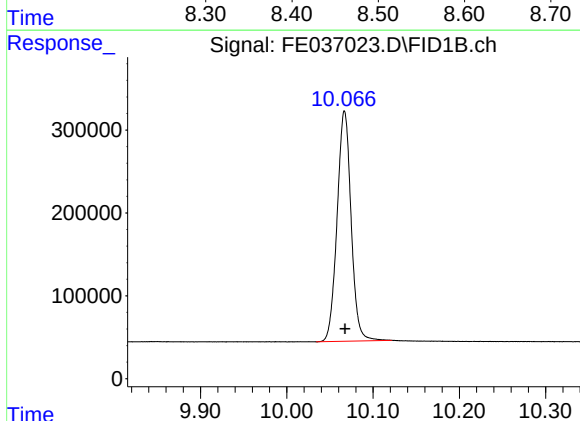
R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 3204110
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :



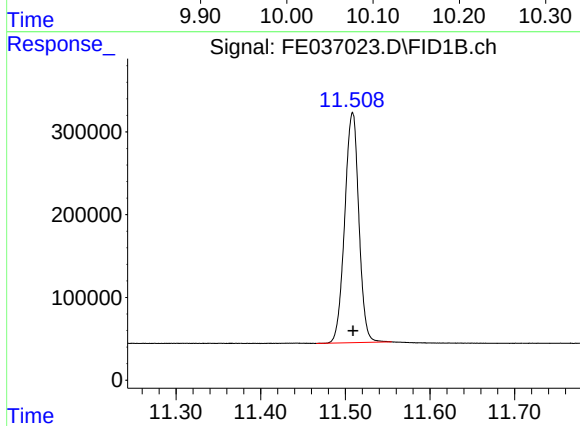
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 3113875
Conc: 19.70 ug/ml



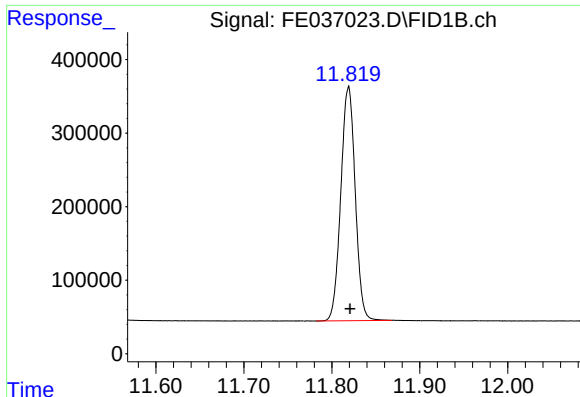
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 3136386
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

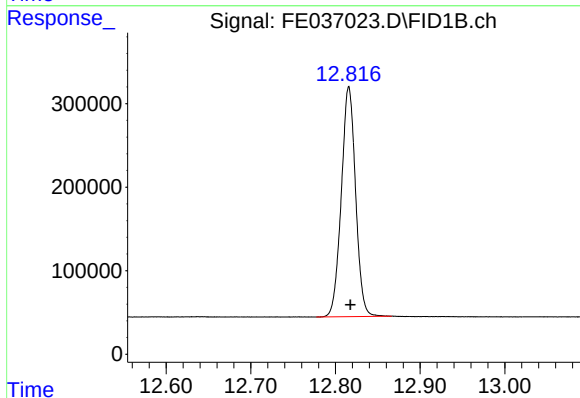
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 3227533
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

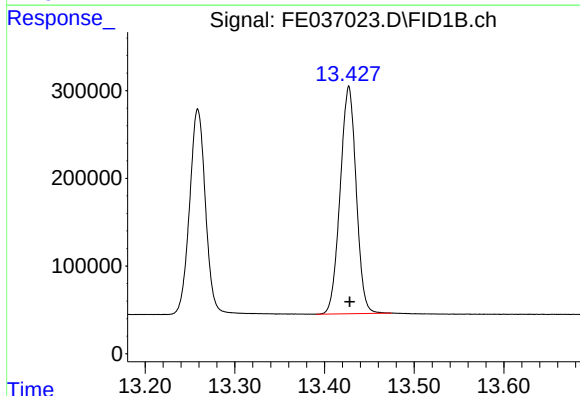
R.T.: 11.819 min
Delta R.T.: -0.002 min
Response: 3621953
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :



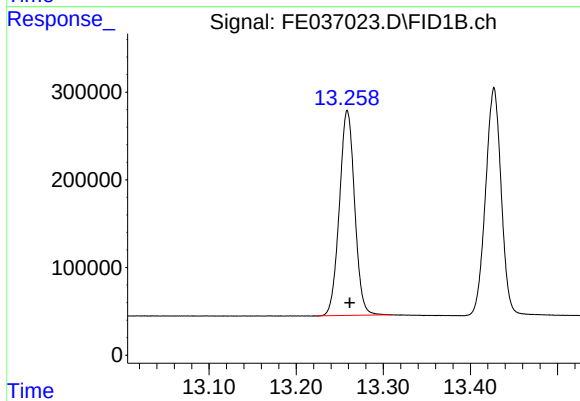
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.002 min
Response: 3228490
Conc: 19.67 ug/ml



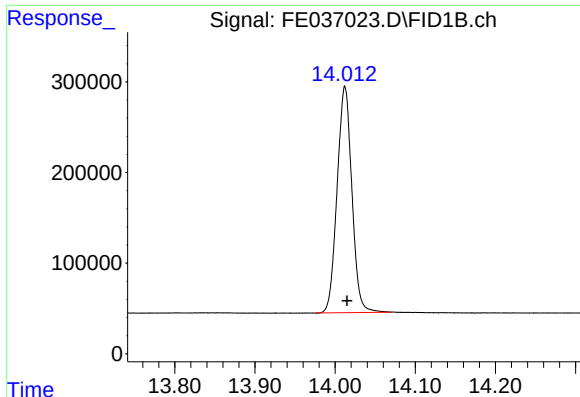
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 3223339
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

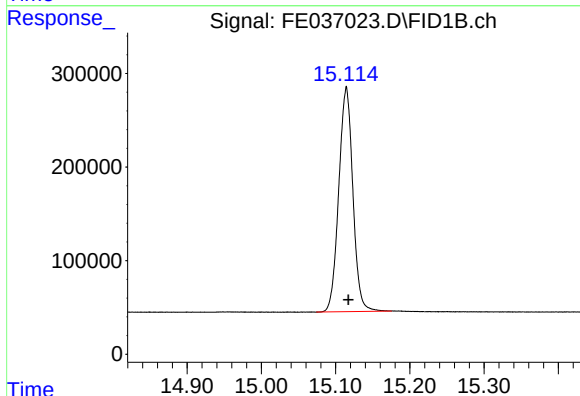
R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 2847688
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

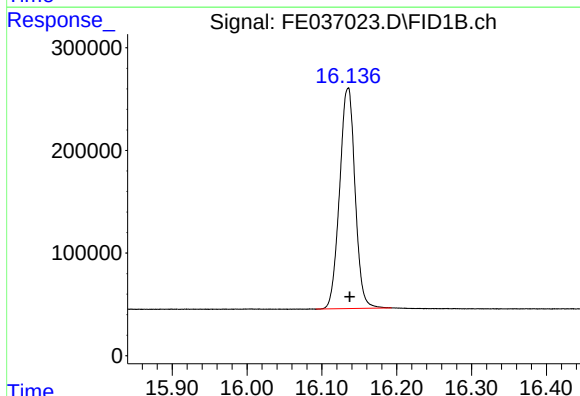
R.T.: 14.012 min
Delta R.T.: -0.003 min
Response: 3197944
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :



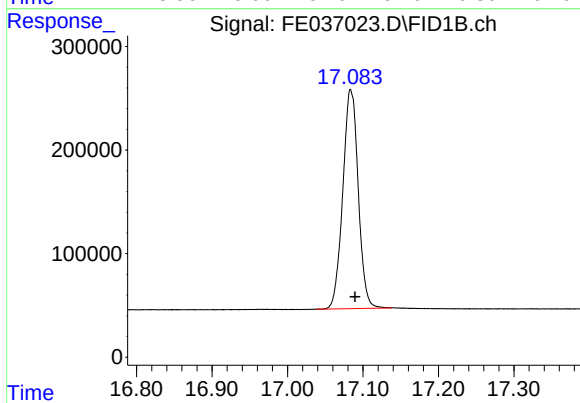
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.003 min
Response: 3163019
Conc: 19.57 ug/ml



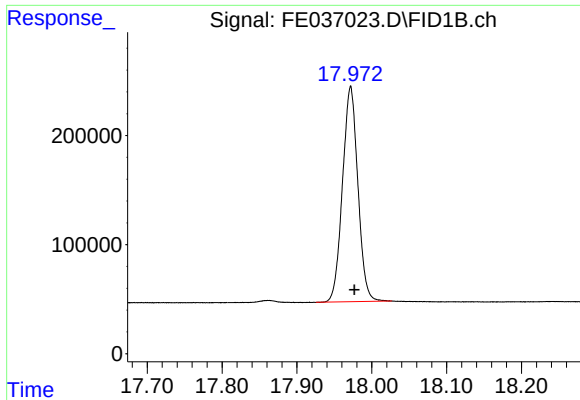
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.002 min
Response: 3087395
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

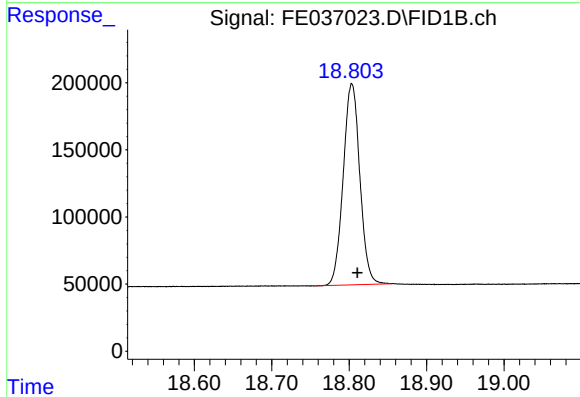
R.T.: 17.084 min
Delta R.T.: -0.006 min
Response: 3009094
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

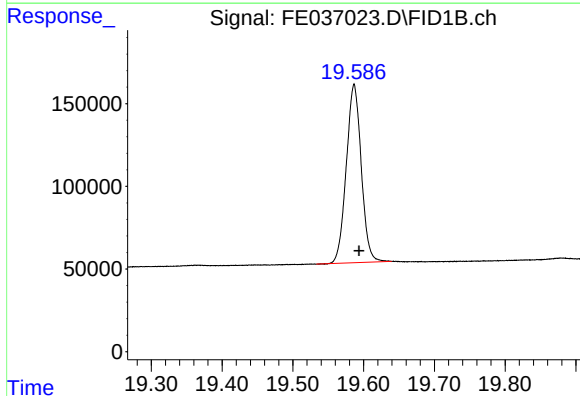
R.T.: 17.972 min
Delta R.T.: -0.005 min
Response: 2815766
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :



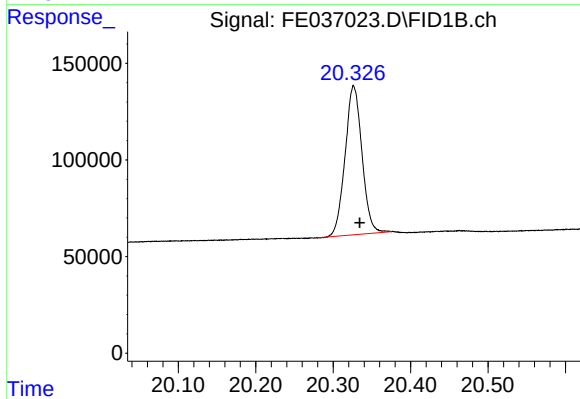
#18 n-Dotriacontane (C32)

R.T.: 18.804 min
Delta R.T.: -0.007 min
Response: 2236072
Conc: 19.24 ug/ml



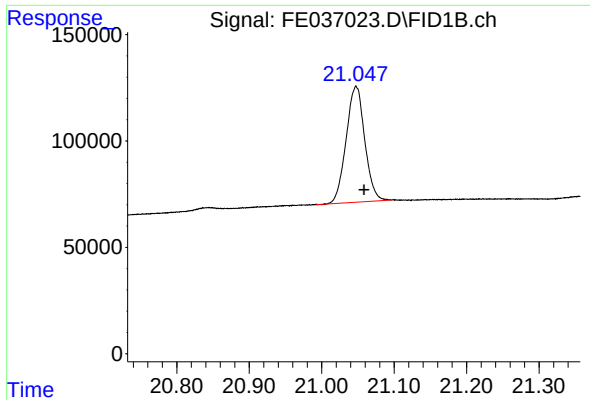
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.007 min
Response: 1583830
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

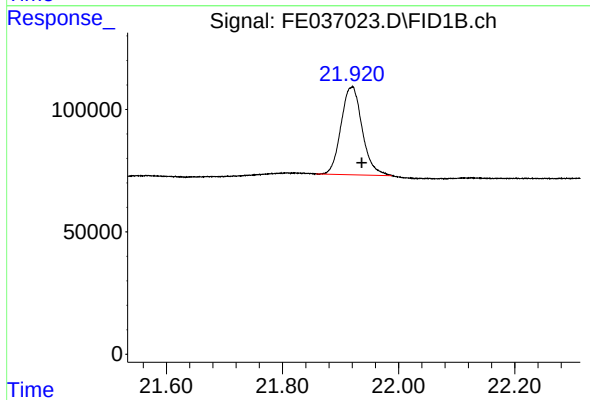
R.T.: 20.326 min
Delta R.T.: -0.008 min
Response: 1166182
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.048 min
Delta R.T.: -0.011 min
Response: 970088
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: -0.016 min
Response: 909221
Conc: 18.89 ug/ml