

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039144.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 08:52
 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: Dec 06 10:55:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.945	3125536	19.979 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.379	2381667	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T n-Nonane (C9)	3.339	2650817	18.701 ug/ml
2) T n-Decane (C10)	4.589	2593682	18.609 ug/ml
3) T A~Naphthalene (C11.7)	6.292	3003576	18.884 ug/ml
4) T n-Dodecane (C12)	6.752	2642822	18.749 ug/ml
5) T A~2-methylnaphthalene...	7.386	2830620	18.913 ug/ml
6) T n-Tetradecane (C14)	8.578	2697577	18.888 ug/ml
7) T n-Hexadecane (C16)	10.184	2807280	19.200 ug/ml
8) T n-Octadecane (C18)	11.626	2883111	19.593 ug/ml
10) T n-Eicosane (C20)	12.935	2824264	19.894 ug/ml
11) T n-Heneicosane (C21)	13.546	2841897	19.999 ug/ml
13) T n-Docosane (C22)	14.132	2816002	20.145 ug/ml
14) T n-Tetracosane (C24)	15.234	2801422	20.285 ug/ml
15) T n-Hexacosane (C26)	16.254	2736242	20.372 ug/ml
16) T n-Octacosane (C28)	17.205	2695183	20.295 ug/ml
17) T n-Tricontane (C30)	18.093	2649284	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.925	2620735	19.651 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2445302	18.480 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2288317	17.812 ug/ml
21) T n-Octatriacontane (C38)	21.186	2453505	18.724 ug/ml
22) T n-Tetracontane (C40)	22.105	2426209	17.818 ug/ml

(f)=RT Delta > 1/2 Window

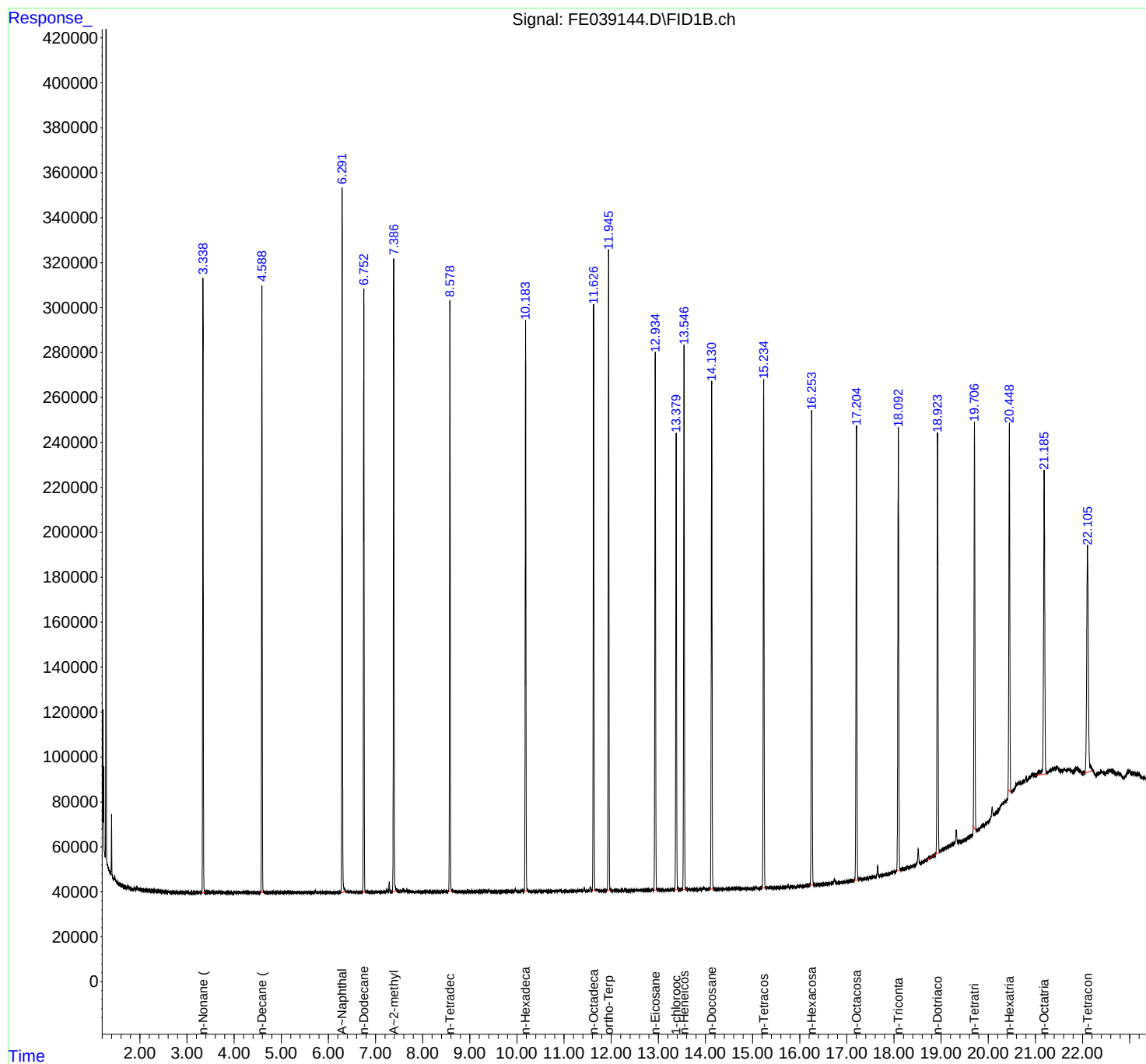
(m)=manual int.

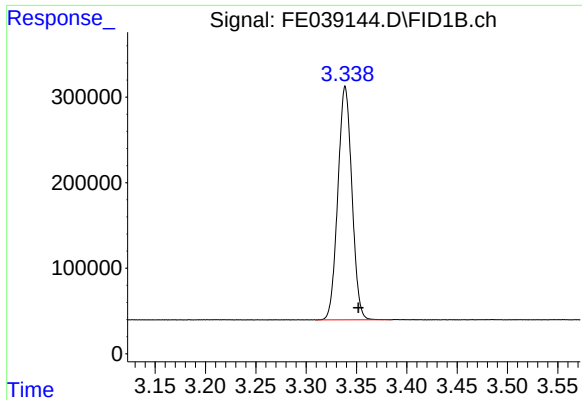
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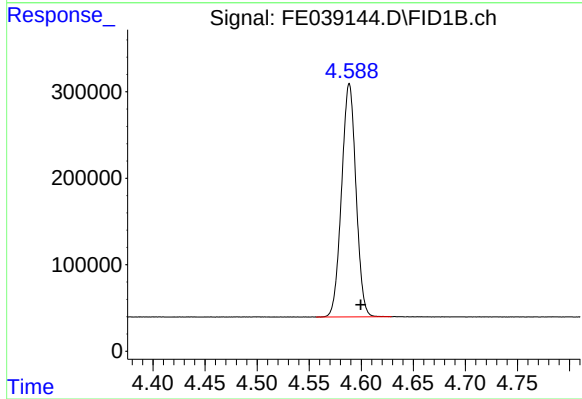




#1 n-Nonane (C9)

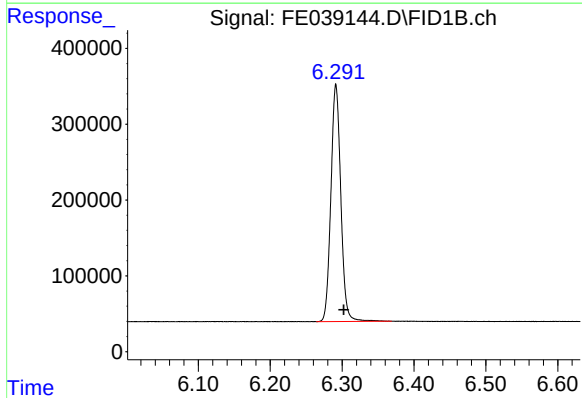
R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 2650817
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :



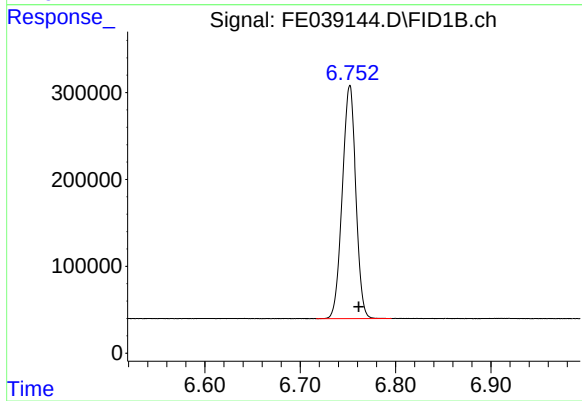
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.011 min
Response: 2593682
Conc: 18.61 ug/ml



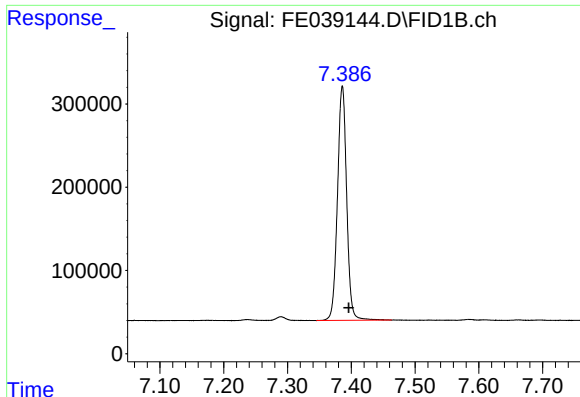
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.011 min
Response: 3003576
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

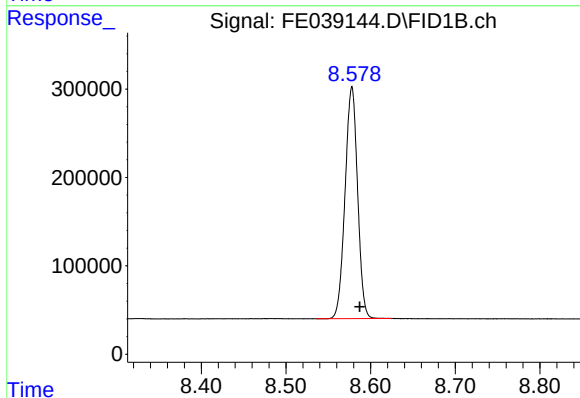
R.T.: 6.752 min
Delta R.T.: -0.009 min
Response: 2642822
Conc: 18.75 ug/ml



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

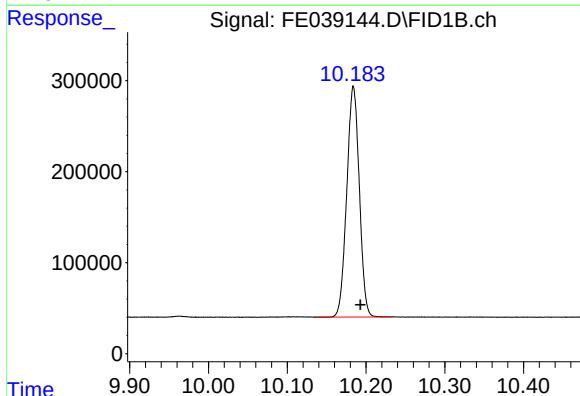
R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 2830620
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :



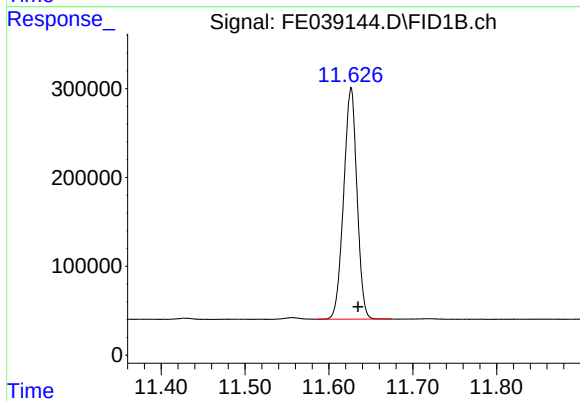
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.009 min
Response: 2697577
Conc: 18.89 ug/ml



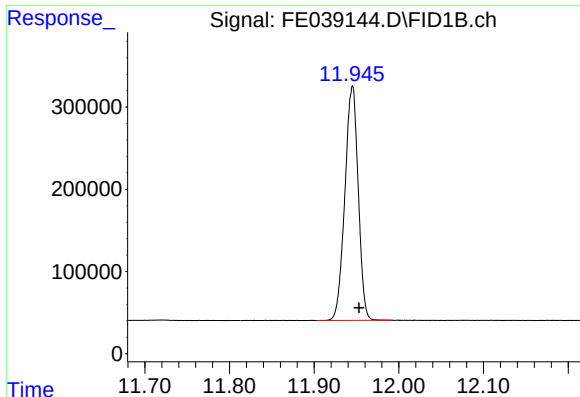
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.009 min
Response: 2807280
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

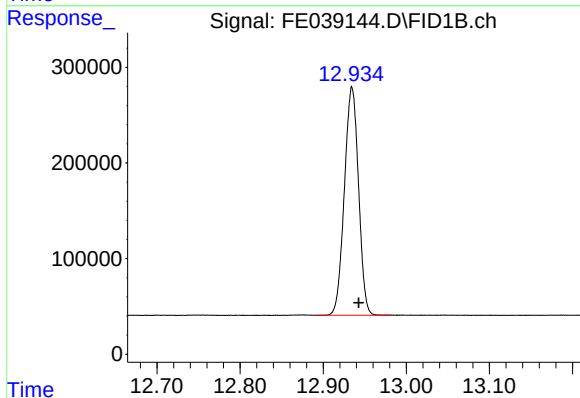
R.T.: 11.626 min
Delta R.T.: -0.008 min
Response: 2883111
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

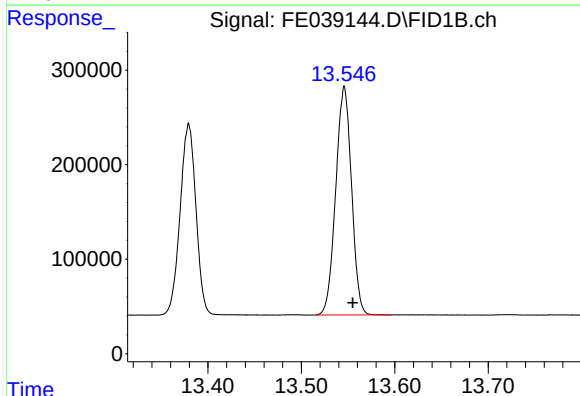
R.T.: 11.945 min
Delta R.T.: -0.008 min
Response: 3125536
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :



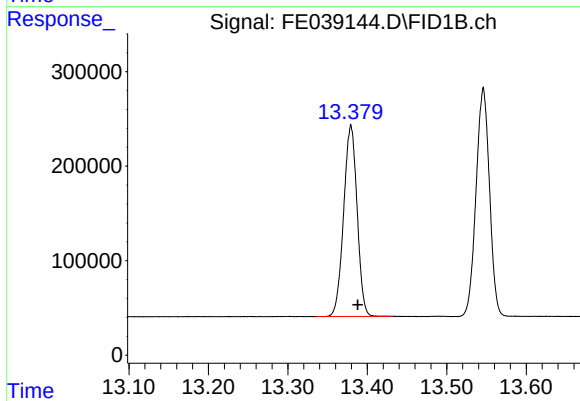
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.008 min
Response: 2824264
Conc: 19.89 ug/ml



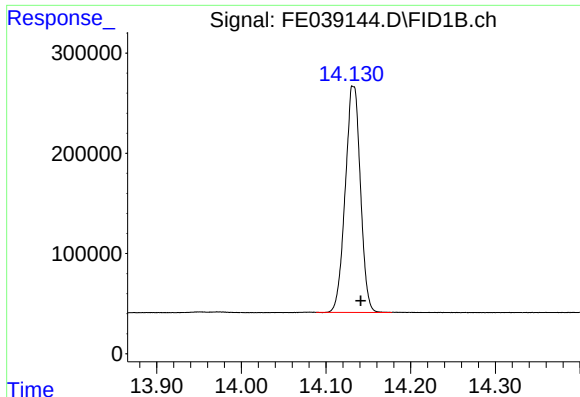
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.009 min
Response: 2841897
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

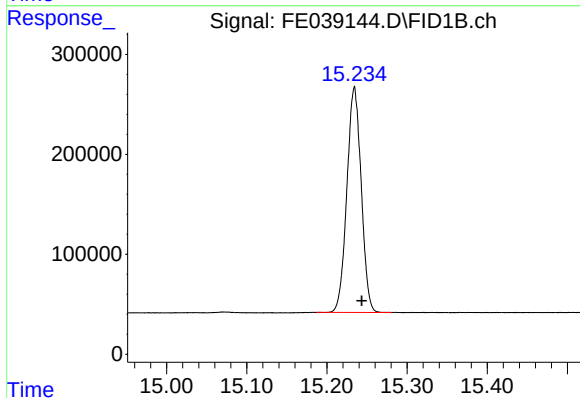
R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 2381667
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

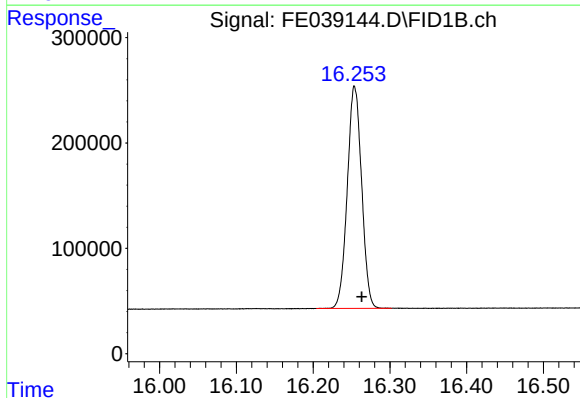
R.T.: 14.132 min
Delta R.T.: -0.009 min
Response: 2816002
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :



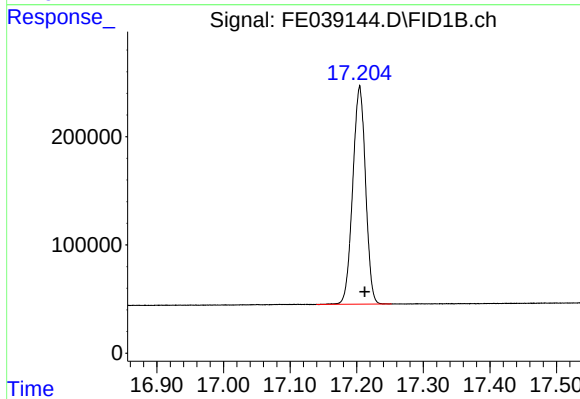
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.009 min
Response: 2801422
Conc: 20.28 ug/ml



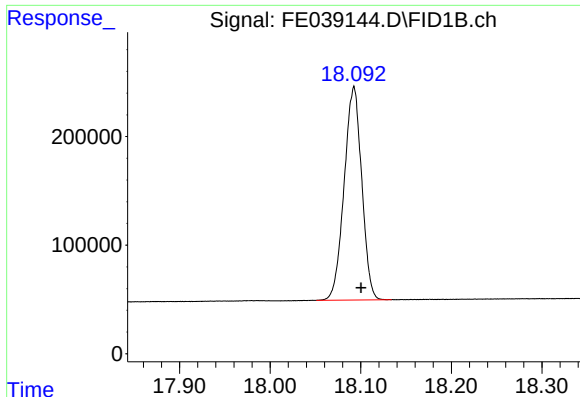
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 2736242
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

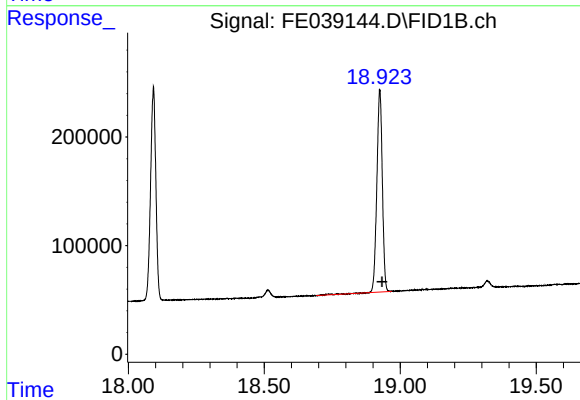
R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 2695183
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

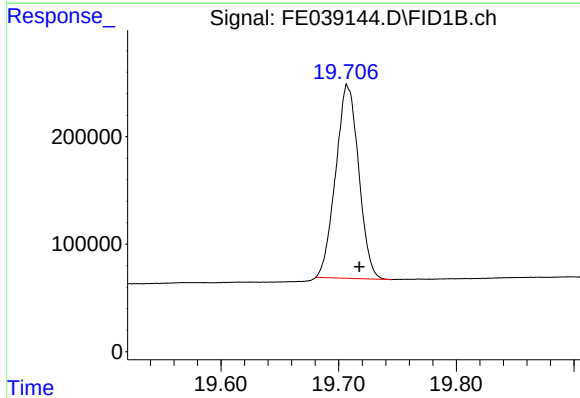
R.T.: 18.093 min
Delta R.T.: -0.008 min
Response: 2649284
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :



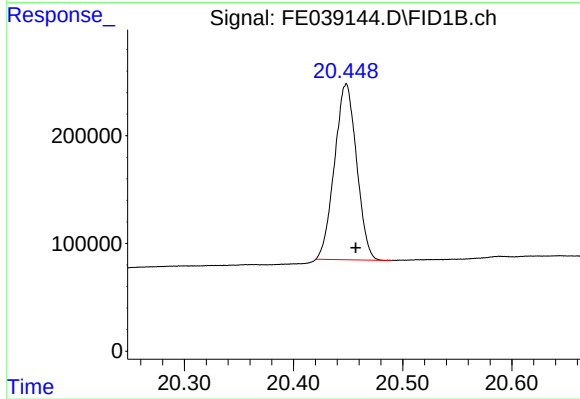
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 2620735
Conc: 19.65 ug/ml



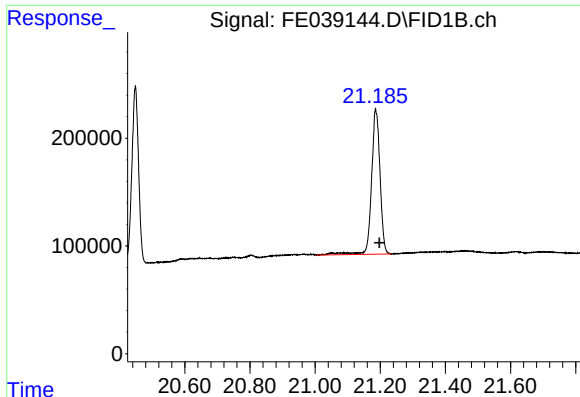
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.010 min
Response: 2445302
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

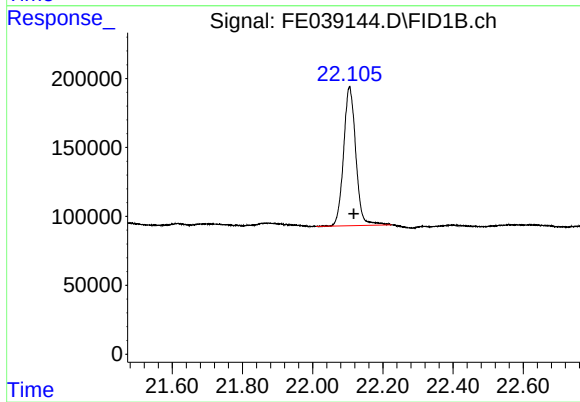
R.T.: 20.448 min
Delta R.T.: -0.009 min
Response: 2288317
Conc: 17.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.011 min
Response: 2453505
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.012 min
Response: 2426209
Conc: 17.82 ug/ml