

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045136.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 15:02
 Operator : YP/AJ
 Sample : 01627-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.447	913852	5.932 ug/ml
Spiked Amount 50.000		Recovery =	11.86%
12) S 1-chlorooctadecane (S...	12.886	6210946	53.703 ug/ml
Spiked Amount 50.000		Recovery =	107.41%
Target Compounds			
1) T n-Nonane (C9)	3.269	422557	3.108 ug/ml
2) T n-Decane (C10)	4.325	524270	3.925 ug/ml
4) T n-Dodecane (C12)	6.329	663522	4.907 ug/ml
6) T n-Tetradecane (C14)	8.114	616726	4.541 ug/ml
7) T n-Hexadecane (C16)	9.706	662444	4.760 ug/ml
8) T n-Octadecane (C18)	11.140	745310	5.312 ug/ml
10) T n-Eicosane (C20)	12.442	714285	5.273 ug/ml
11) T n-Heneicosane (C21)	13.050	683823	5.015 ug/ml
13) T n-Docosane (C22)	13.632	719270	5.372 ug/ml
14) T n-Tetracosane (C24)	14.728	702852	5.367 ug/ml
15) T n-Hexacosane (C26)	15.743	674207	5.354 ug/ml
16) T n-Octacosane (C28)	16.686	636591	5.194 ug/ml
17) T n-Tricontane (C30)	17.567	621575	5.250 ug/ml
18) T n-Dotriacontane (C32)	18.394	622405	5.317 ug/ml
19) T n-Tetratriacontane (C34)	19.172	598932	5.210 ug/ml
20) T n-Hexatriacontane (C36)	19.906	562652	5.123 ug/ml
21) T n-Octatriacontane (C38)	20.611	552282	5.124 ug/ml
22) T n-Tetracontane (C40)	21.446	520182	4.852 ug/ml

(f)=RT Delta > 1/2 Window

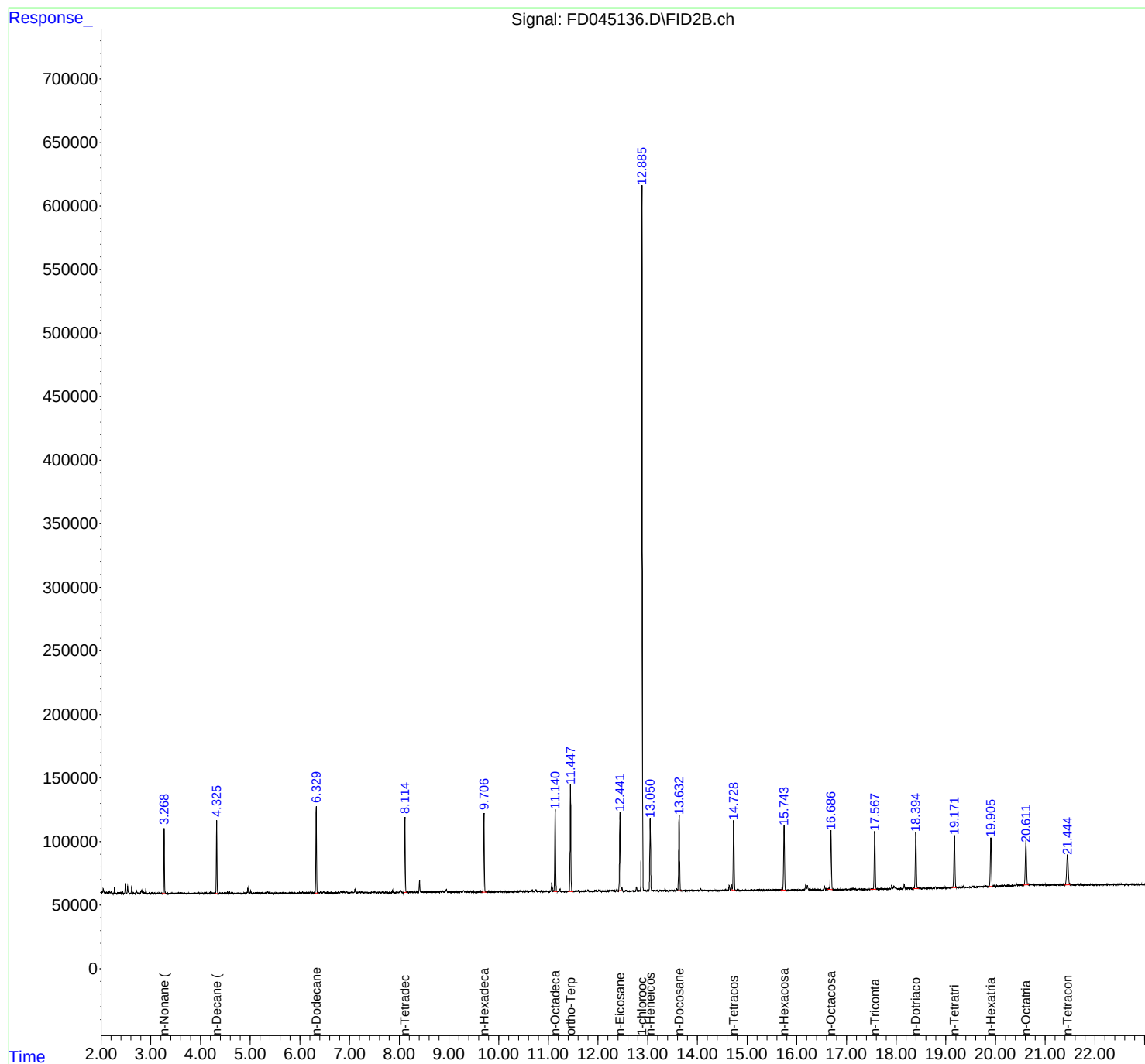
(m)=manual int.

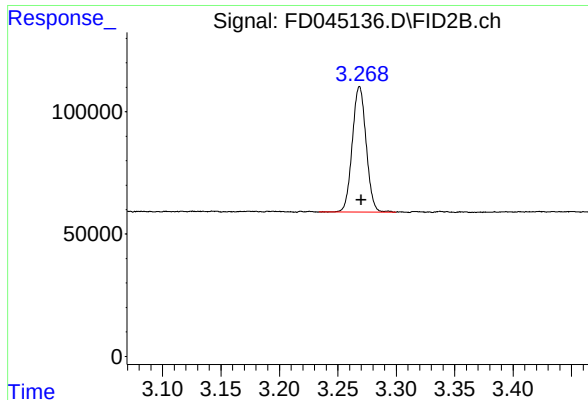
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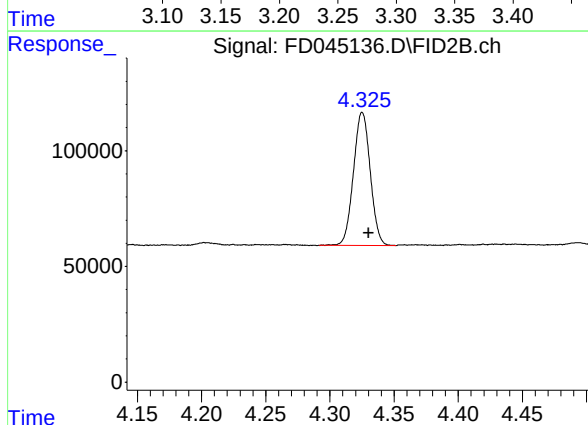




#1 n-Nonane (C9)

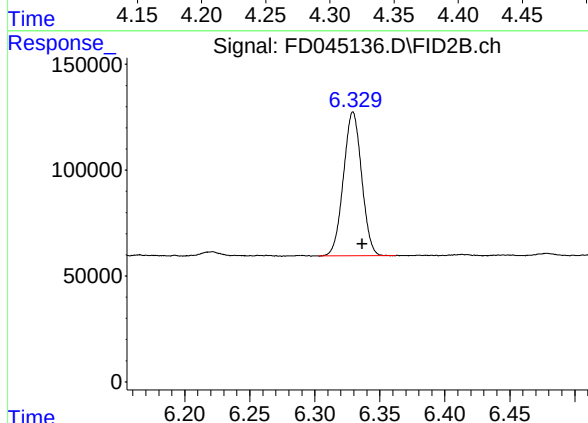
R.T.: 3.269 min
Delta R.T.: -0.001 min
Response: 422557
Conc: 3.11 ug/ml

Instrument :
FID_D
ClientSampleId :



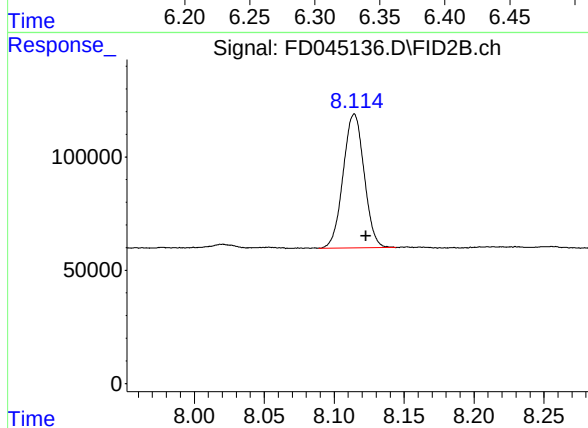
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.005 min
Response: 524270
Conc: 3.92 ug/ml



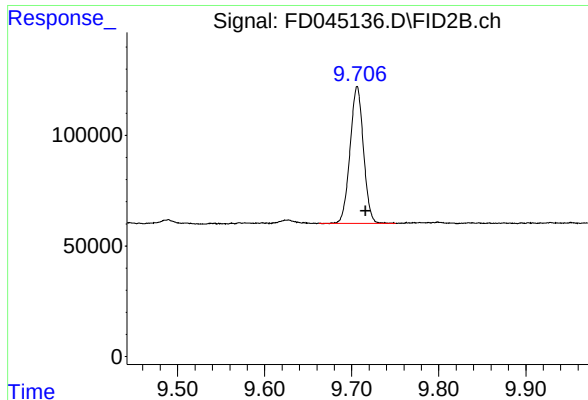
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 663522
Conc: 4.91 ug/ml



#6 n-Tetradecane (C14)

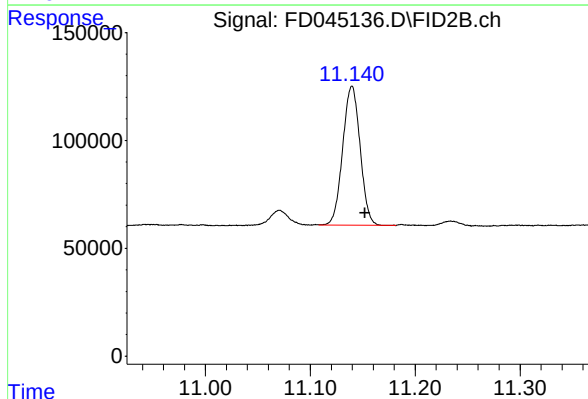
R.T.: 8.114 min
Delta R.T.: -0.008 min
Response: 616726
Conc: 4.54 ug/ml



#7 n-Hexadecane (C16)

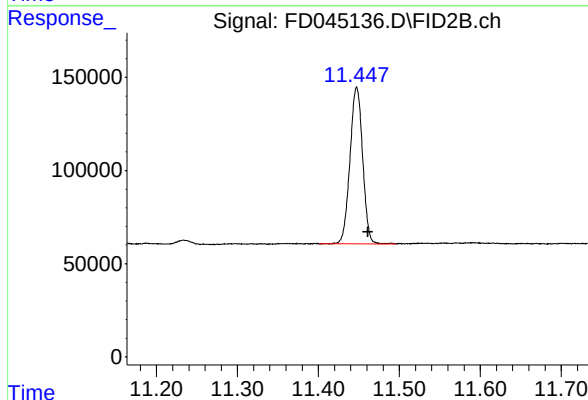
R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 662444
Conc: 4.76 ug/ml

Instrument :
FID_D
ClientSampleId :



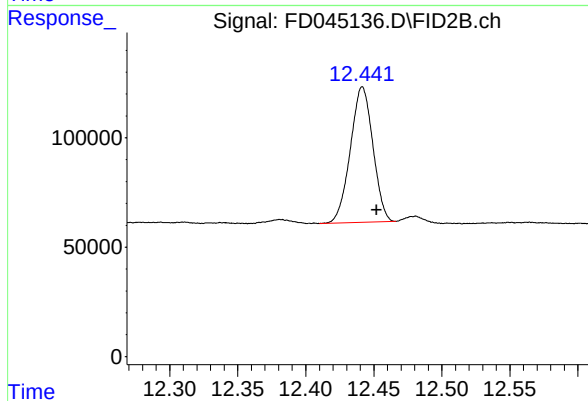
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 745310
Conc: 5.31 ug/ml



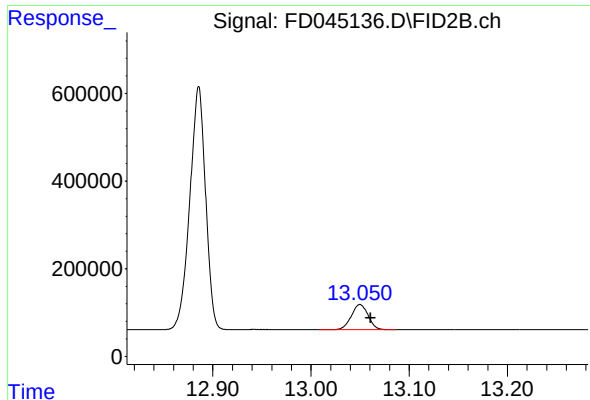
#9 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.014 min
Response: 913852
Conc: 5.93 ug/ml



#10 n-Eicosane (C20)

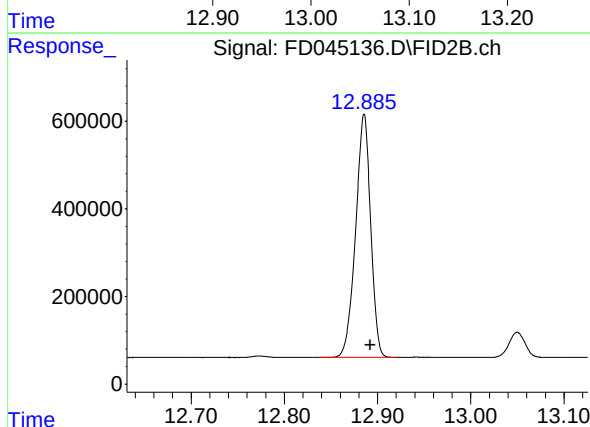
R.T.: 12.442 min
Delta R.T.: -0.011 min
Response: 714285
Conc: 5.27 ug/ml



#11 n-Heneicosane (C21)

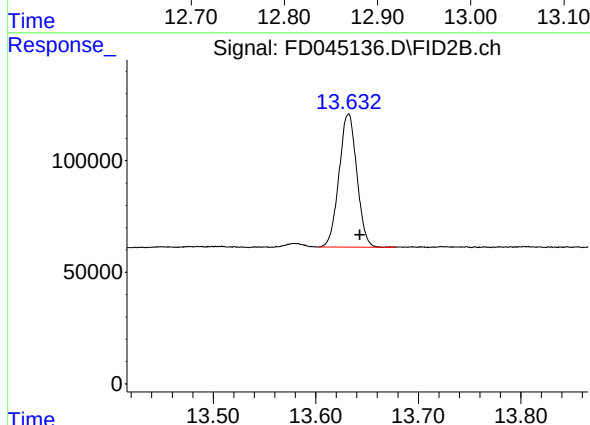
R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 683823
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



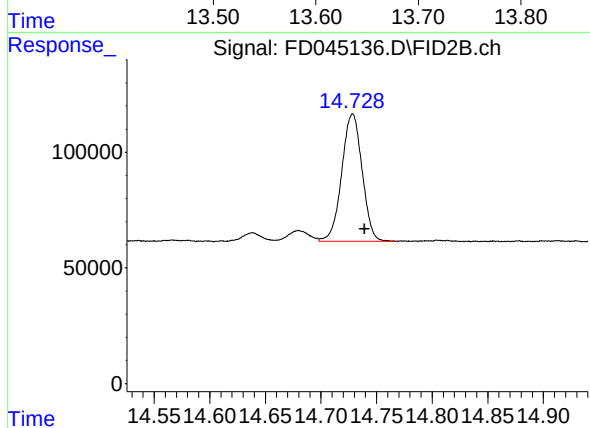
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.006 min
Response: 6210946
Conc: 53.70 ug/ml



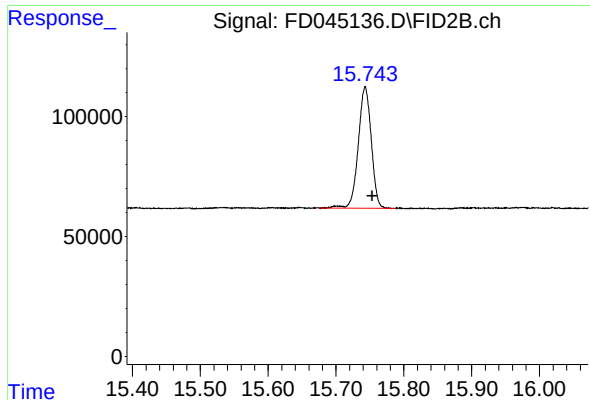
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: -0.011 min
Response: 719270
Conc: 5.37 ug/ml



#14 n-Tetracosane (C24)

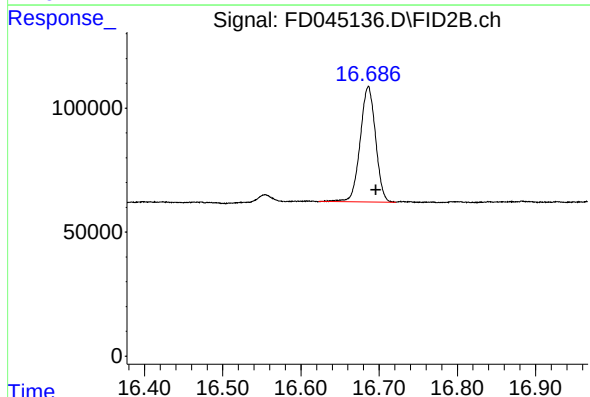
R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 702852
Conc: 5.37 ug/ml



#15 n-Hexacosane (C26)

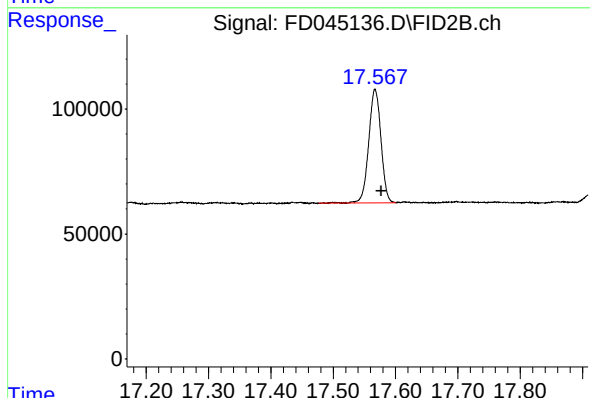
R.T.: 15.743 min
Delta R.T.: -0.010 min
Response: 674207
Conc: 5.35 ug/ml

Instrument :
FID_D
ClientSampleId :



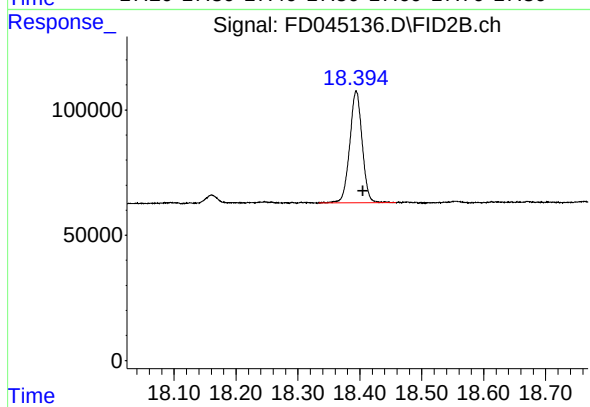
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.010 min
Response: 636591
Conc: 5.19 ug/ml



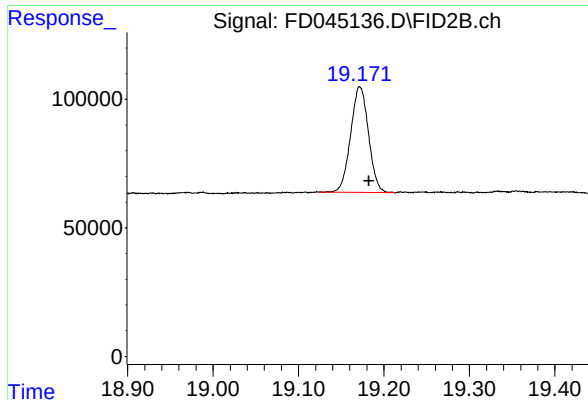
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.010 min
Response: 621575
Conc: 5.25 ug/ml



#18 n-Dotriacontane (C32)

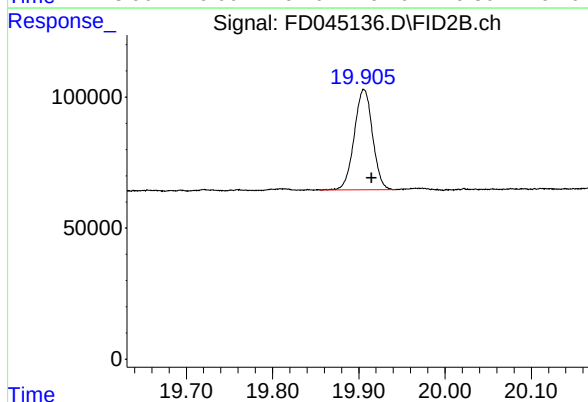
R.T.: 18.394 min
Delta R.T.: -0.011 min
Response: 622405
Conc: 5.32 ug/ml



#19 n-Tetratriacontane (C34)

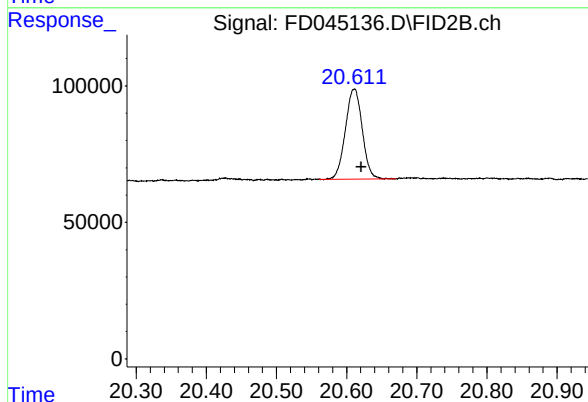
R.T.: 19.172 min
Delta R.T.: -0.011 min
Response: 598932
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :



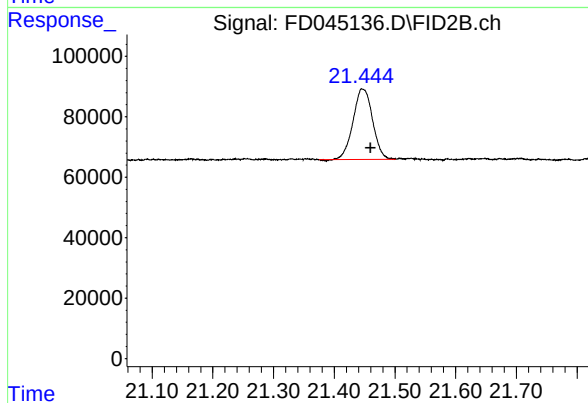
#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: -0.009 min
Response: 562652
Conc: 5.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 552282
Conc: 5.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: -0.014 min
Response: 520182
Conc: 4.85 ug/ml