

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045132.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 12:00
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:20 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)	11.448	787544	5.112 ug/ml
Spiked Amount 50.000		Recovery =	10.22%
12) S 1-chlorooctadecane (S...	12.885	5228108	45.205 ug/ml
Spiked Amount 50.000		Recovery =	90.41%
Target Compounds			
1) T n-Nonane (C9)	3.268	314396	2.312 ug/ml
2) T n-Decane (C10)	4.325	382967	2.867 ug/ml
4) T n-Dodecane (C12)	6.329	489210	3.618 ug/ml
6) T n-Tetradecane (C14)	8.114	451925	3.328 ug/ml
7) T n-Hexadecane (C16)	9.706	482888	3.470 ug/ml
8) T n-Octadecane (C18)	11.140	545197	3.886 ug/ml
10) T n-Eicosane (C20)	12.442	503583	3.717 ug/ml
11) T n-Heneicosane (C21)	13.050	487283	3.574 ug/ml
13) T n-Docosane (C22)	13.633	506068	3.779 ug/ml
14) T n-Tetracosane (C24)	14.728	488063	3.727 ug/ml
15) T n-Hexacosane (C26)	15.742	471272	3.742 ug/ml
16) T n-Octacosane (C28)	16.686	452429	3.692 ug/ml
17) T n-Tricontane (C30)	17.567	442946	3.741 ug/ml
18) T n-Dotriacontane (C32)	18.395	447806	3.825 ug/ml
19) T n-Tetratriacontane (C34)	19.172	432797	3.765 ug/ml
20) T n-Hexatriacontane (C36)	19.905	401236	3.653 ug/ml
21) T n-Octatriacontane (C38)	20.611	386158	3.583 ug/ml
22) T n-Tetracontane (C40)	21.447	364577	3.401 ug/ml

(f)=RT Delta > 1/2 Window

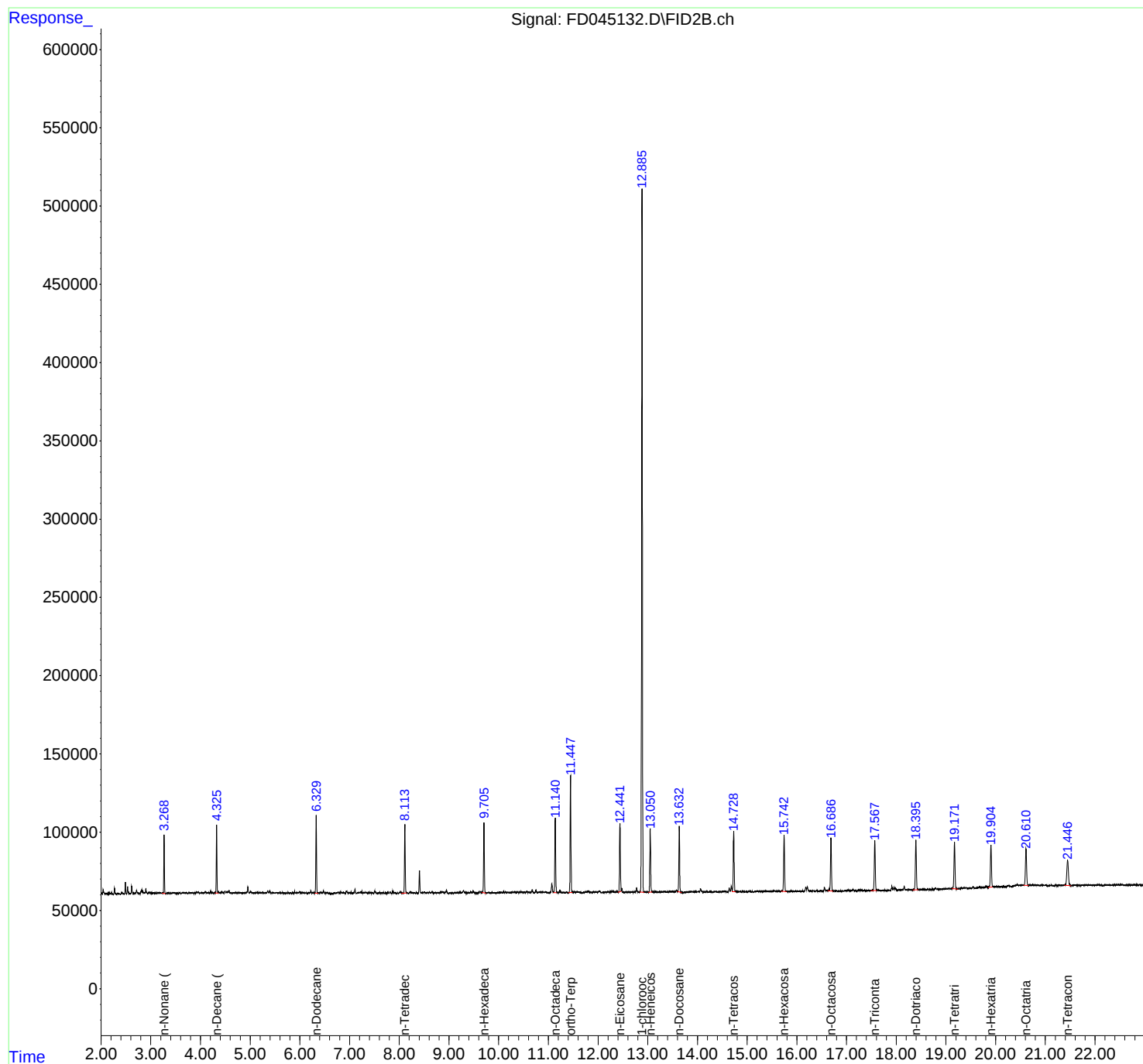
(m)=manual int.

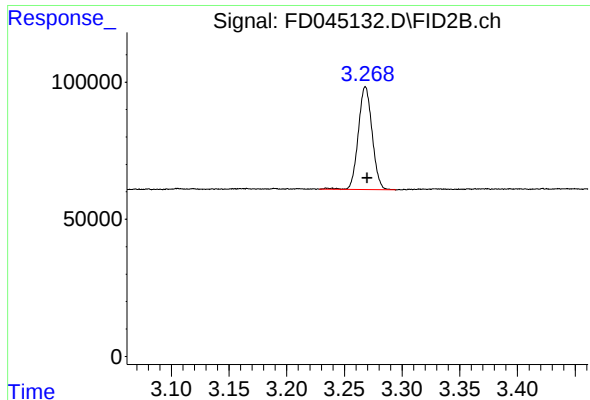
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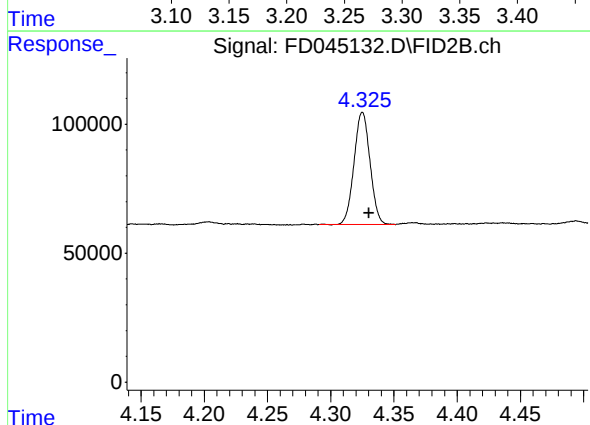




#1 n-Nonane (C9)

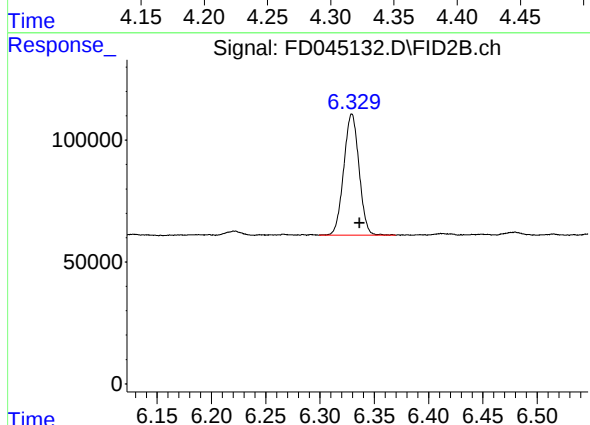
R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 314396
Conc: 2.31 ug/ml

Instrument :
FID_D
ClientSampleId :



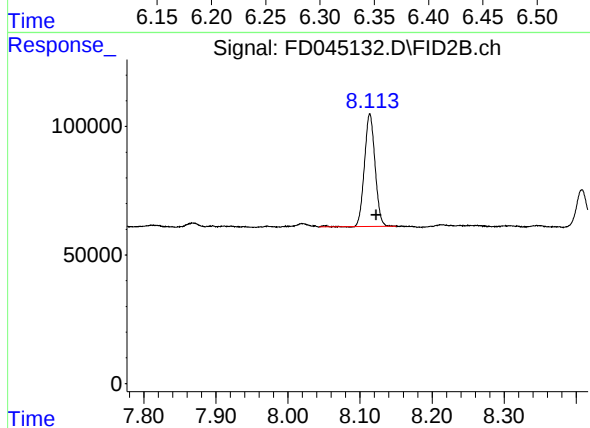
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.005 min
Response: 382967
Conc: 2.87 ug/ml



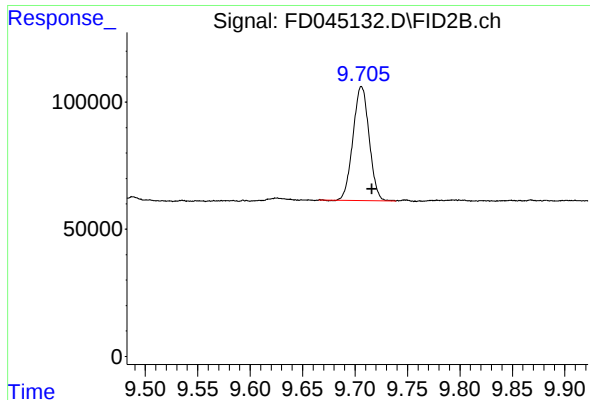
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 489210
Conc: 3.62 ug/ml



#6 n-Tetradecane (C14)

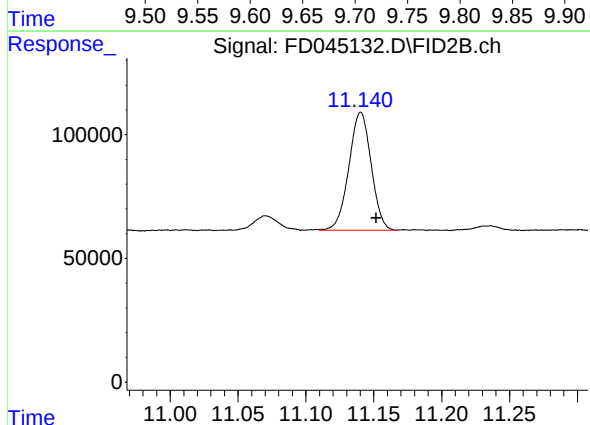
R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 451925
Conc: 3.33 ug/ml



#7 n-Hexadecane (C16)

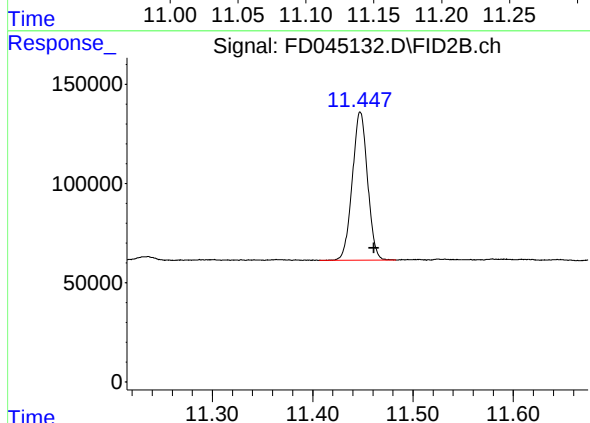
R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 482888
Conc: 3.47 ug/ml

Instrument :
FID_D
ClientSampleId :



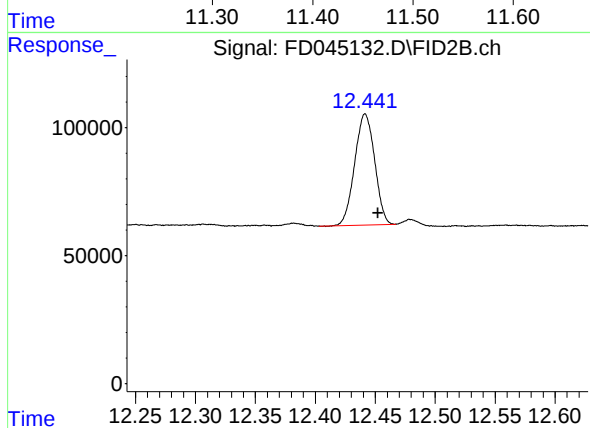
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.011 min
Response: 545197
Conc: 3.89 ug/ml



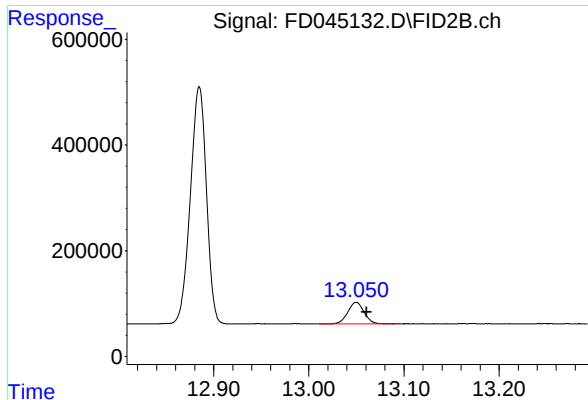
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: -0.014 min
Response: 787544
Conc: 5.11 ug/ml



#10 n-Eicosane (C20)

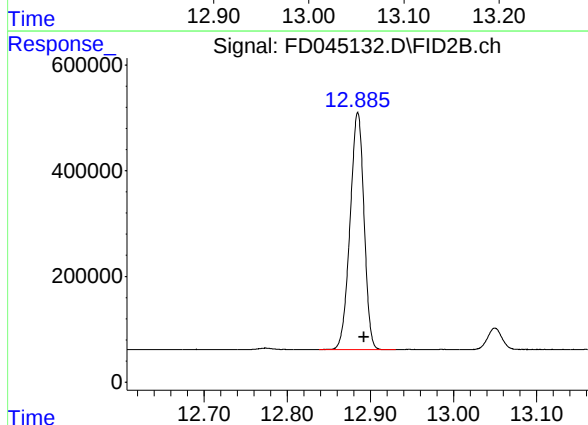
R.T.: 12.442 min
Delta R.T.: -0.011 min
Response: 503583
Conc: 3.72 ug/ml



#11 n-Heneicosane (C21)

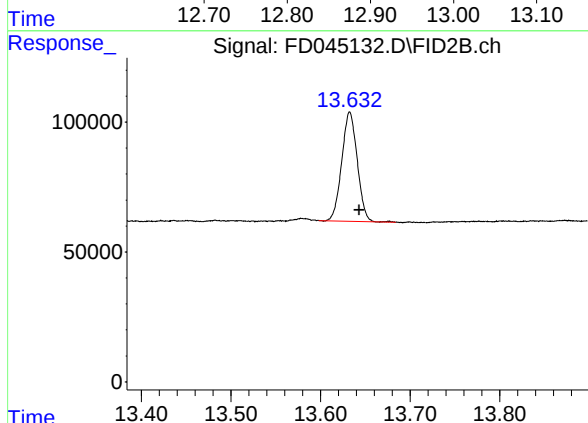
R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 487283
Conc: 3.57 ug/ml

Instrument :
FID_D
ClientSampleId :



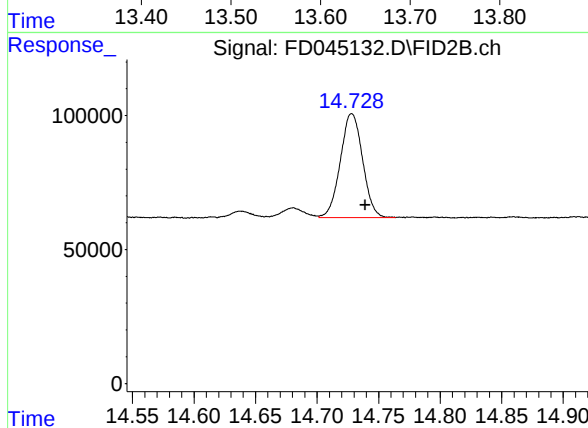
#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.007 min
Response: 5228108
Conc: 45.21 ug/ml



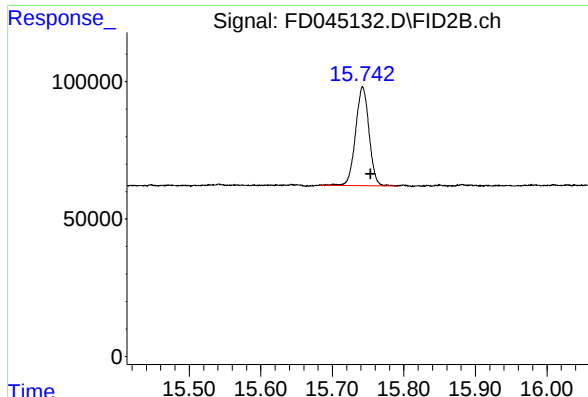
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.011 min
Response: 506068
Conc: 3.78 ug/ml



#14 n-Tetracosane (C24)

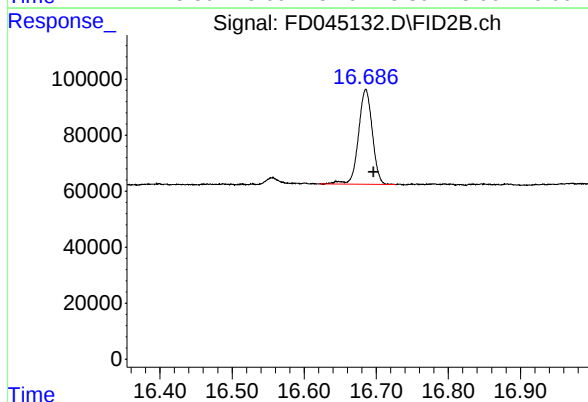
R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 488063
Conc: 3.73 ug/ml



#15 n-Hexacosane (C26)

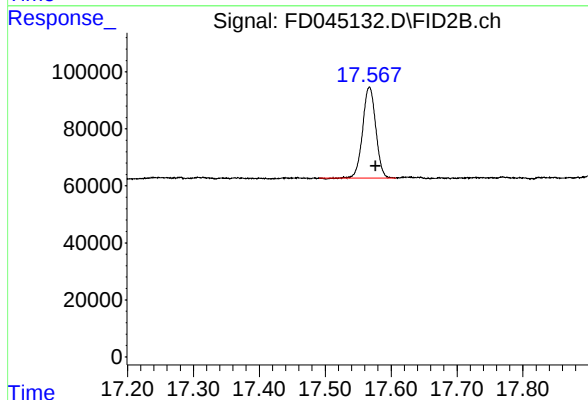
R.T.: 15.742 min
Delta R.T.: -0.011 min
Response: 471272
Conc: 3.74 ug/ml

Instrument :
FID_D
ClientSampleId :



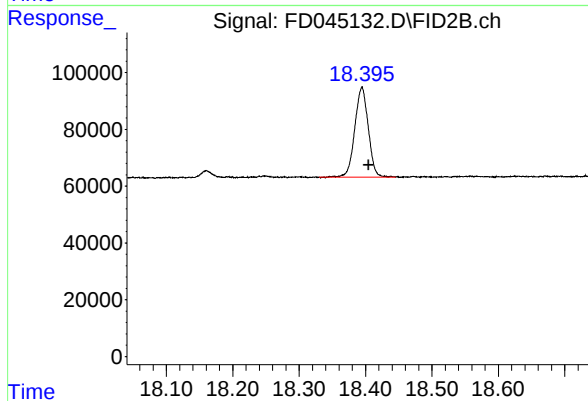
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.011 min
Response: 452429
Conc: 3.69 ug/ml



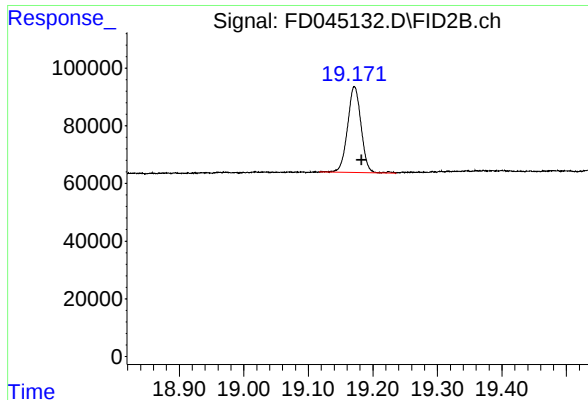
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.010 min
Response: 442946
Conc: 3.74 ug/ml



#18 n-Dotriacontane (C32)

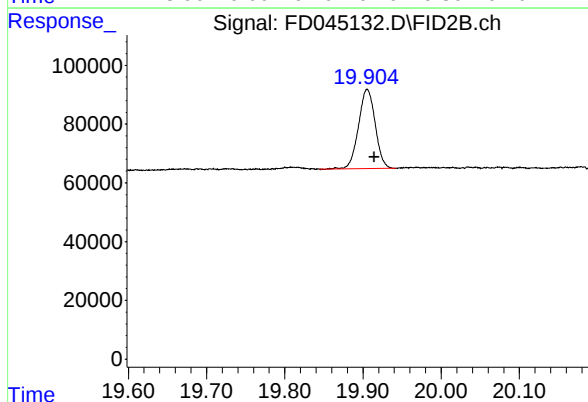
R.T.: 18.395 min
Delta R.T.: -0.010 min
Response: 447806
Conc: 3.83 ug/ml



#19 n-Tetratriacontane (C34)

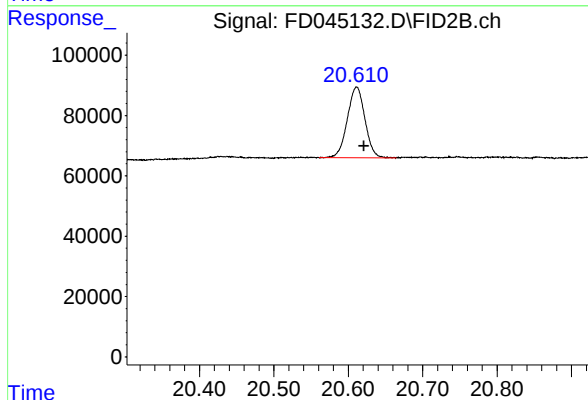
R.T.: 19.172 min
Delta R.T.: -0.011 min
Response: 432797
Conc: 3.76 ug/ml

Instrument :
FID_D
ClientSampleId :



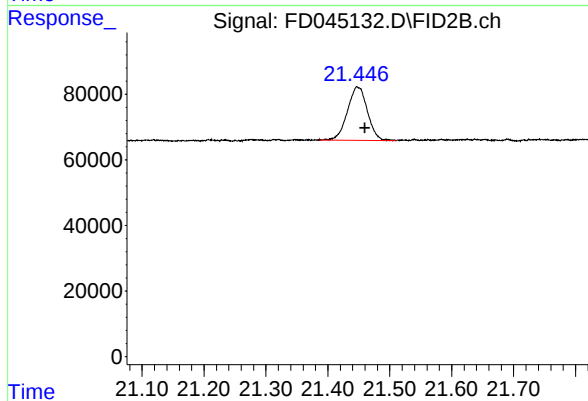
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.009 min
Response: 401236
Conc: 3.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 386158
Conc: 3.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.447 min
Delta R.T.: -0.013 min
Response: 364577
Conc: 3.40 ug/ml