

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045131.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 11:16
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:12 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)	11.449	983678	6.385 ug/ml
Spiked Amount 50.000		Recovery =	12.77%
12) S 1-chlorooctadecane (S...	12.887	6768963	58.528 ug/ml
Spiked Amount 50.000		Recovery =	117.06%
Target Compounds			
1) T n-Nonane (C9)	3.270	251693	1.851 ug/ml
2) T n-Decane (C10)	4.326	293318	2.196 ug/ml
4) T n-Dodecane (C12)	6.330	391491	2.895 ug/ml
6) T n-Tetradecane (C14)	8.115	360730	2.656 ug/ml
7) T n-Hexadecane (C16)	9.707	377475	2.712 ug/ml
8) T n-Octadecane (C18)	11.141	420771	2.999 ug/ml
10) T n-Eicosane (C20)	12.443	379659	2.802 ug/ml
11) T n-Heneicosane (C21)	13.051	359807	2.639 ug/ml
13) T n-Docosane (C22)	13.633	383547	2.864 ug/ml
14) T n-Tetracosane (C24)	14.729	371358	2.836 ug/ml
15) T n-Hexacosane (C26)	15.743	353658	2.808 ug/ml
16) T n-Octacosane (C28)	16.688	349572	2.852 ug/ml
17) T n-Tricontane (C30)	17.569	345610	2.919 ug/ml
18) T n-Dotriacontane (C32)	18.394	329525	2.815 ug/ml
19) T n-Tetratriacontane (C34)	19.173	314540	2.736 ug/ml
20) T n-Hexatriacontane (C36)	19.907	298824	2.721 ug/ml
21) T n-Octatriacontane (C38)	20.612	284306	2.638 ug/ml
22) T n-Tetracontane (C40)	21.449	260890	2.433 ug/ml

(f)=RT Delta > 1/2 Window

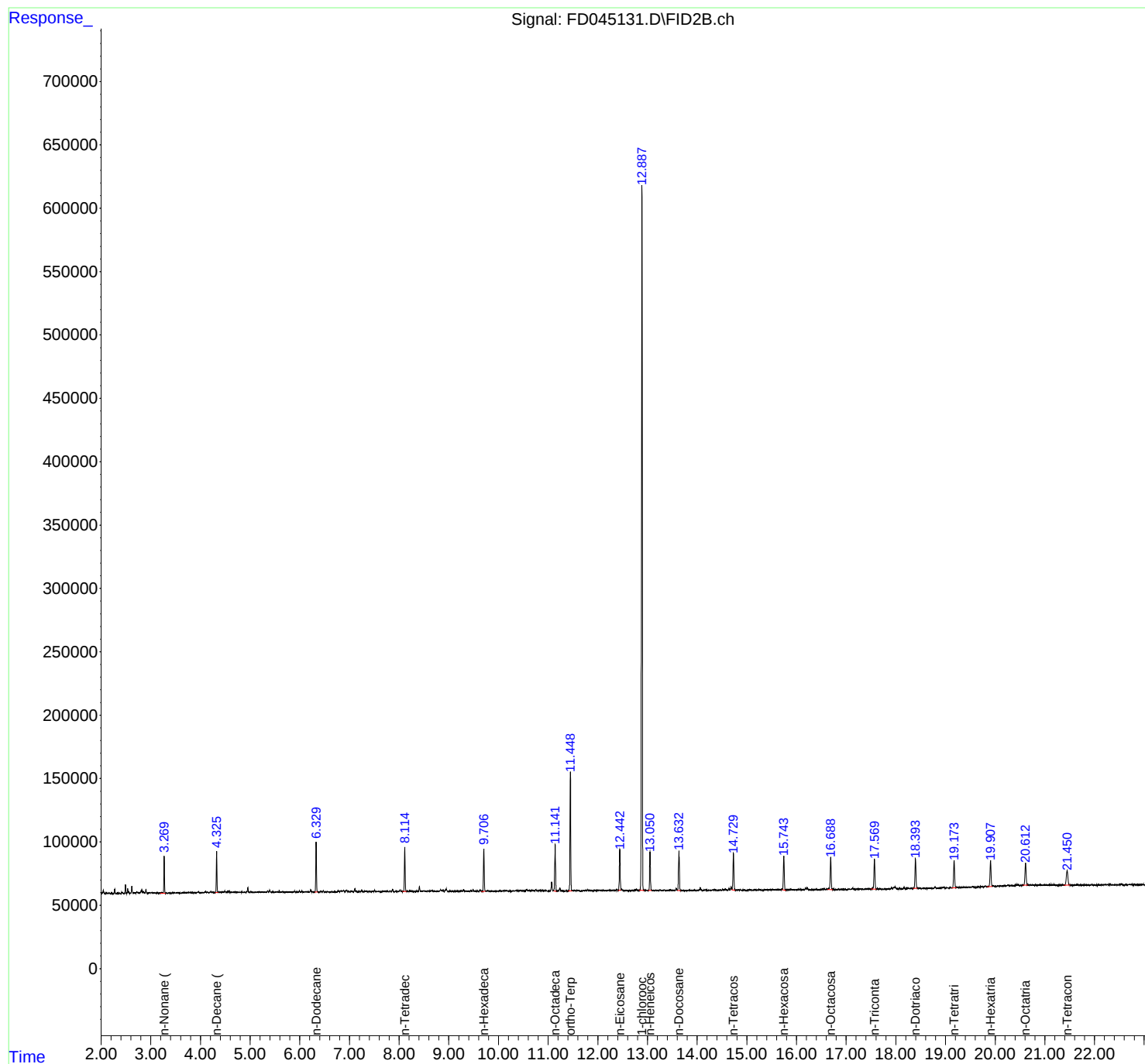
(m)=manual int.

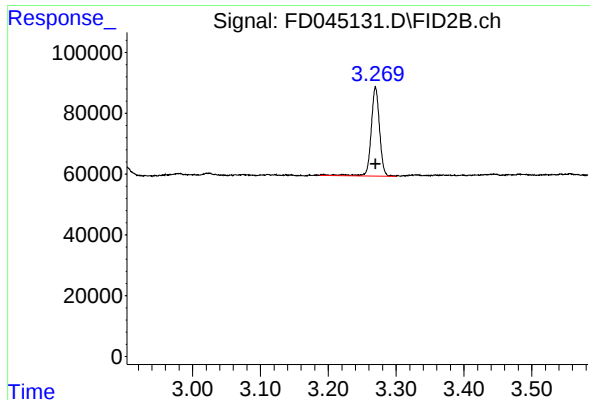
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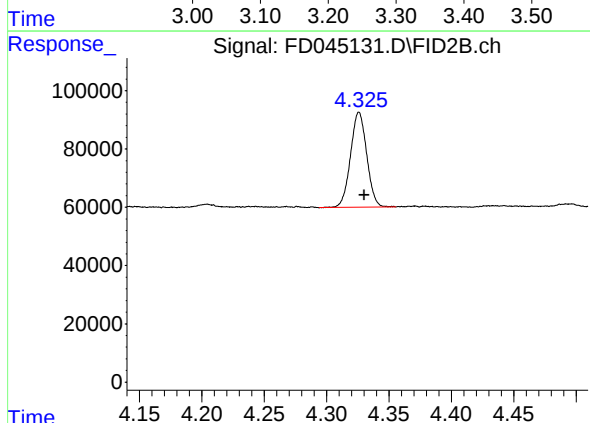




#1 n-Nonane (C9)

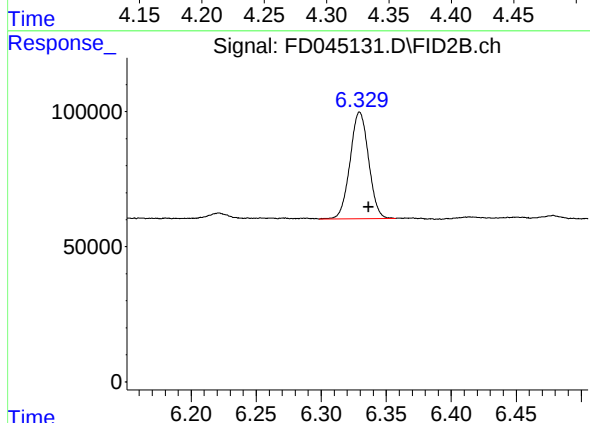
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 251693
Conc: 1.85 ug/ml

Instrument :
FID_D
ClientSampleId :



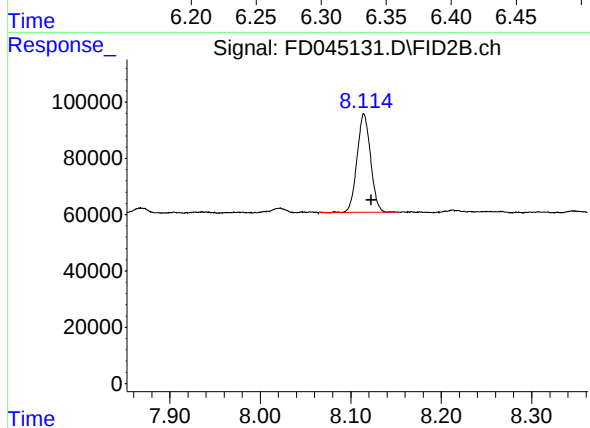
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 293318
Conc: 2.20 ug/ml



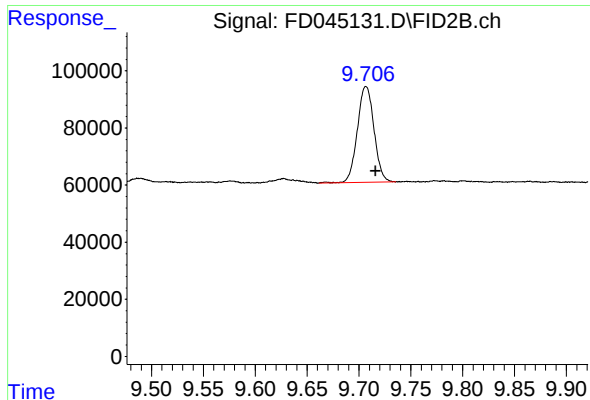
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.007 min
Response: 391491
Conc: 2.90 ug/ml



#6 n-Tetradecane (C14)

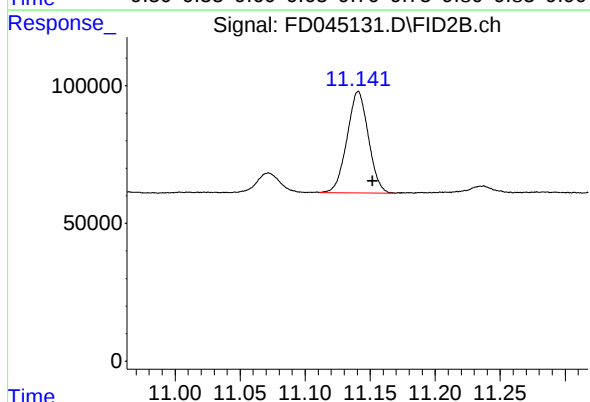
R.T.: 8.115 min
Delta R.T.: -0.008 min
Response: 360730
Conc: 2.66 ug/ml



#7 n-Hexadecane (C16)

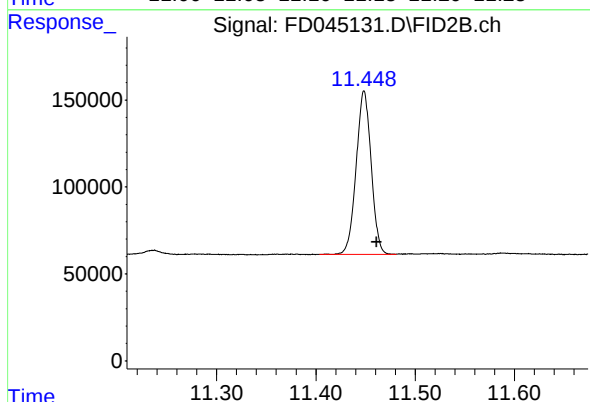
R.T.: 9.707 min
Delta R.T.: -0.009 min
Response: 377475
Conc: 2.71 ug/ml

Instrument :
FID_D
ClientSampleId :



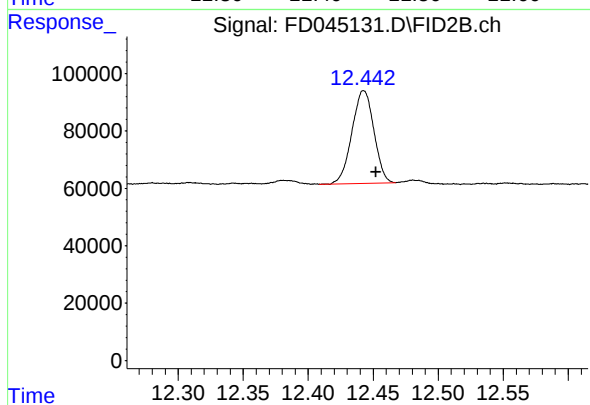
#8 n-Octadecane (C18)

R.T.: 11.141 min
Delta R.T.: -0.011 min
Response: 420771
Conc: 3.00 ug/ml



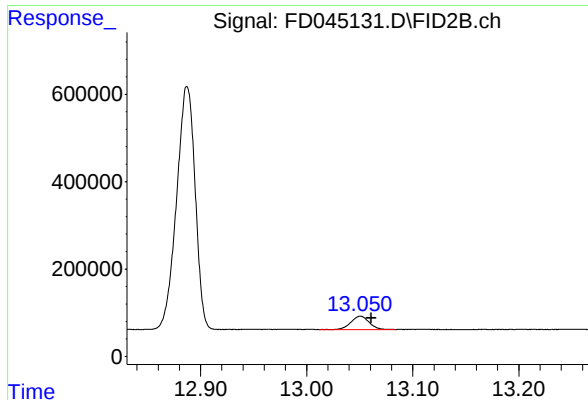
#9 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.013 min
Response: 983678
Conc: 6.39 ug/ml



#10 n-Eicosane (C20)

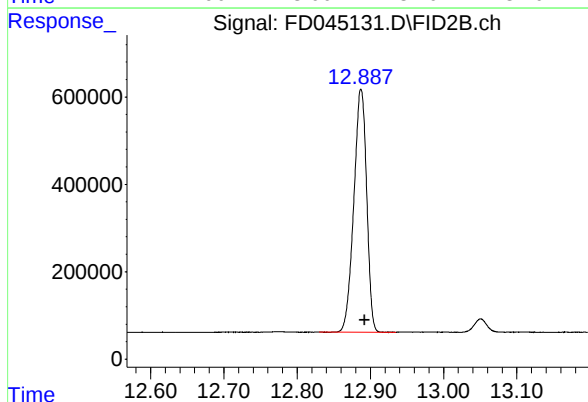
R.T.: 12.443 min
Delta R.T.: -0.009 min
Response: 379659
Conc: 2.80 ug/ml



#11 n-Heneicosane (C21)

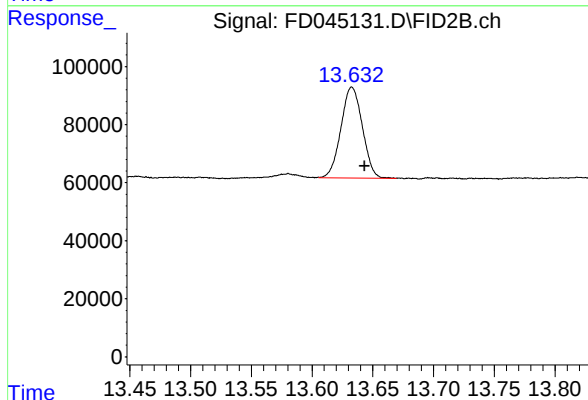
R.T.: 13.051 min
Delta R.T.: -0.010 min
Response: 359807
Conc: 2.64 ug/ml

Instrument :
FID_D
ClientSampleId :



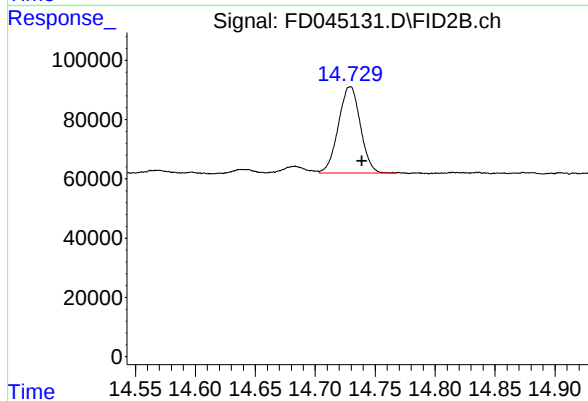
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: -0.005 min
Response: 6768963
Conc: 58.53 ug/ml



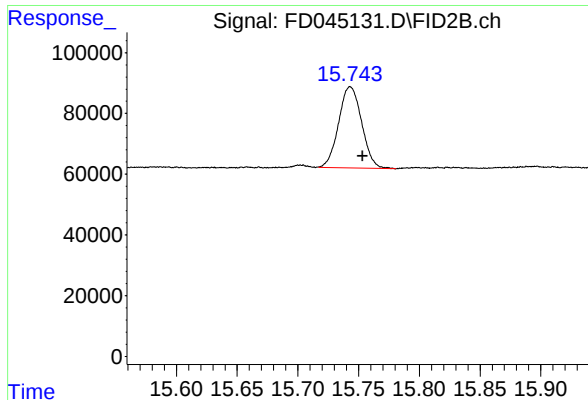
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.010 min
Response: 383547
Conc: 2.86 ug/ml



#14 n-Tetracosane (C24)

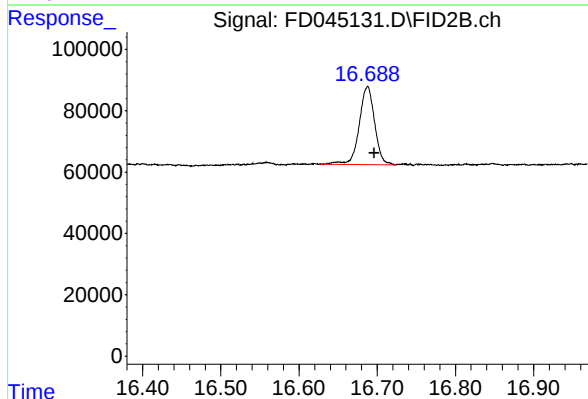
R.T.: 14.729 min
Delta R.T.: -0.010 min
Response: 371358
Conc: 2.84 ug/ml



#15 n-Hexacosane (C26)

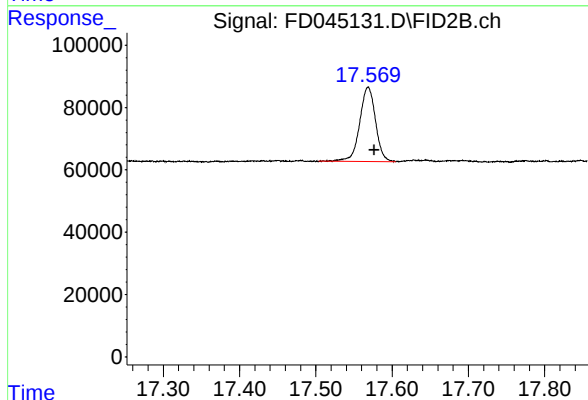
R.T.: 15.743 min
Delta R.T.: -0.010 min
Response: 353658
Conc: 2.81 ug/ml

Instrument :
FID_D
ClientSampleId :



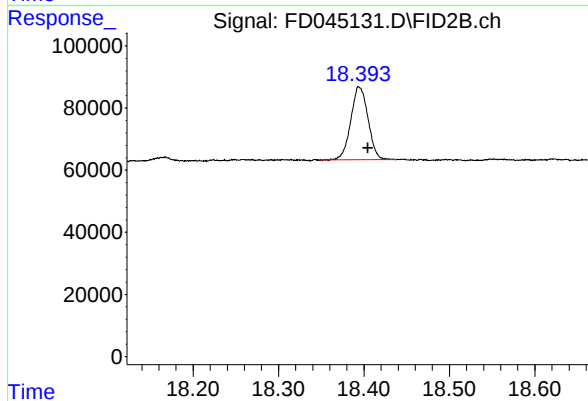
#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.009 min
Response: 349572
Conc: 2.85 ug/ml



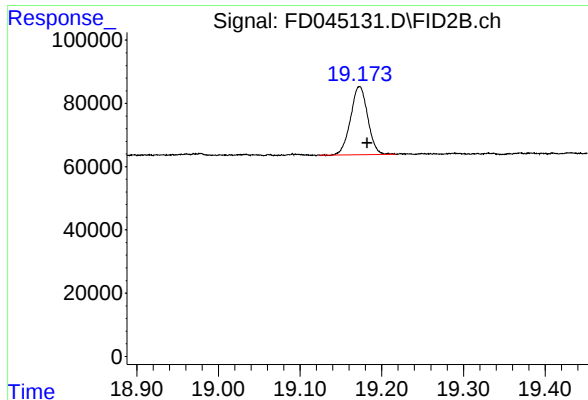
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.008 min
Response: 345610
Conc: 2.92 ug/ml



#18 n-Dotriacontane (C32)

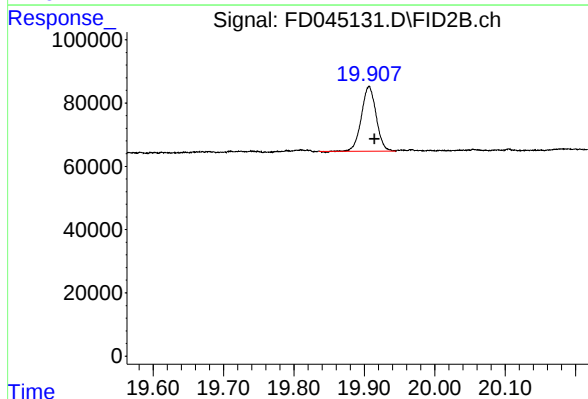
R.T.: 18.394 min
Delta R.T.: -0.011 min
Response: 329525
Conc: 2.81 ug/ml



#19 n-Tetratriacontane (C34)

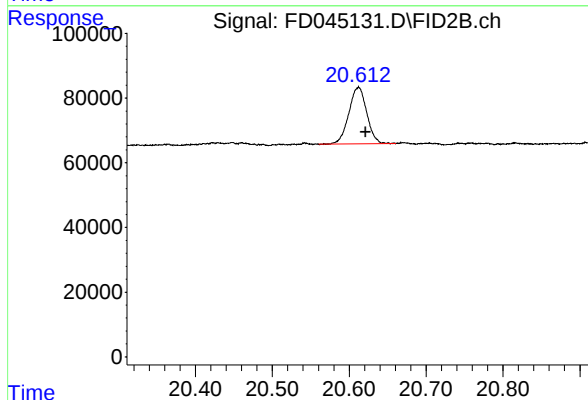
R.T.: 19.173 min
Delta R.T.: -0.010 min
Response: 314540
Conc: 2.74 ug/ml

Instrument :
FID_D
ClientSampleId :



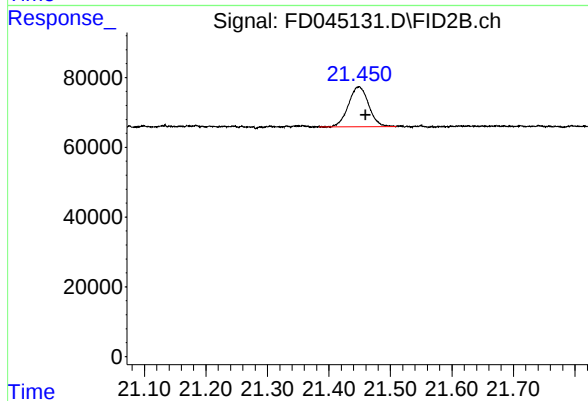
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.008 min
Response: 298824
Conc: 2.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: -0.009 min
Response: 284306
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: -0.011 min
Response: 260890
Conc: 2.43 ug/ml